



Skills Funding
Agency

Qualification success rates 2012/2013

SQL code used to produce the success rates datasets

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Skills Funding Agency

Cheylesmore House, Quinton Road, Coventry, CV1 2WT

T 0845 377 5000 www.skillsfundingagency.bis.gov.uk

A partner organisation of the Department for Business, Innovation & Skills

Introduction

Purpose of document

1. This document contains an extract of the SQL code used to produce the 2012/2013 success rate datasets for classroom learning, workplace learning and Apprenticeships, from the information provided in Individualised Learner Records.
2. This information is provided to aid software developers and providers to understand the success rate dataset production process, which is detailed in the following documents:
 - CLQSRDataSetProductionv13External.pdf
 - WPL_QSR_Dataset_Production_R14_1213_V14External.pdf
 - ApprenticeshipsQSRDatasetTechnicalSpecificationv12.pdf

These documents are available from the Data Service website (www.thedataservice.org.uk/Statistics/success_rates/success_rates_2012-13/).

3. If you need more information, you can phone the Data Service on 0870 267 0001 or email servicedesk@thedataservice.org.uk. Please provide a detailed explanation of your query.

Classroom learning dataset production

```
--Create CL QSR Dataset
CREATE Procedure [system].[usp_SR1213_CL]
AS

DECLARE @ReportingYear INT, @NextYear INT
SET      @ReportingYear = 2012
SET      @NextYear     = @ReportingYear+1
EXEC  MI_Warehouse_Staging.system.usp_DropTable 'dbo.LR_L03_Mergers'

SELECT  *, GETDATE() LR_MT_ProcessedDate
INTO    MI_Warehouse_Staging.dbo.LR_L03_Mergers
FROM    ILRExtract.dbo.vw_L03_Mergers

SELECT  *
INTO    #LR_L03_Mergers
FROM    ILRExtract.dbo.vw_L03_Mergers

CREATE CLUSTERED INDEX IDX_L03 ON #LR_L03_Mergers(L01, L03)

-- Re-instate for 12/13
--Temporary Data Fix
DELETE FROM #LR_L03_Mergers WHERE L01 = 106949 AND L03 = 39319 AND L03_New = '99D350'

--Here to cater for erroneous L03 returns pre-fix to check for duplicates
--Should be none only one dealt with above...
DELETE      M
FROM        #LR_L03_Mergers M
JOIN (      SELECT  L01, L03, DateOfChange
            FROM    ( SELECT  DISTINCT L01, L03, L03_New, DateOfChange
                    FROM    #LR_L03_Mergers) M
            GROUP BY L01, L03, DateOfChange
            HAVING  COUNT(*) > 1) D ON D.L01 = M.L01
            AND D.L03 = M.L03

---Need to check if this is right as it assumes no L03 re-use....
--Generate a row count
SELECT      'Dummy row forced'

----Iterate until no more updates occur
WHILE @@RowCount != 0
BEGIN

    DELETE FROM #LR_L03_Mergers WHERE L01 = L01_New AND L03 = L03_New

    UPDATE      ML2
    SET         ML2.L03_New = ML.L03_New
    FROM        #LR_L03_Mergers ML
    JOIN #LR_L03_Mergers ML2 ON ML.L01 = ML2.L01
            AND ML.L01 = ML.L01_New
            AND ML.L03 = ML2.L03_New
            AND ML2.L03_New != ML2.L03
            AND ML2.Sequence < ML.Sequence

END
```

```

--L01 Mergers
SELECT *, 0 Nested
INTO #MergerList
FROM ILRExtract.dbo.LR_L01_Mergers
WHERE Mrg_Academic_Year < @ReportingYear
      AND L01 != L01_New

--Iterate until no more updates occur
WHILE @@RowCount != 0
BEGIN
    UPDATE ML2
    SET ML2.L01_New = ML.L01_New
      , ML2.Nested = ML2.Nested + 1
    FROM #MergerList ML
    JOIN #MergerList ML2 ON ML.L01 = ML2.L01_New
END

IF Object_ID('MI_Warehouse_Staging.Temp.LAD_HIER', N'U') IS NOT NULL
    EXEC MI_Warehouse_Staging.system.usp_DropTable 'Temp.LAD_HIER'

--LARA (learning aim details)
SELECT AA.*
      , AimLevel_Excl_Count =
Add_Unit_Excl+Unitisation_Excl+Diagnostic_Excl+Tutorial_Excl+FoundationLearningWeekly_Exc
l+
      Innovation_Excl+A_KEYSKILLS+A_FUNCTIONAL_SKILLS+A_QCF_Unit
+CASE WHEN Additional_Unit = 'Y' THEN 1 ELSE 0 END
+CASE WHEN Unitisation_Qual = 'Y' THEN 1 ELSE 0 END
+CASE WHEN Diagnostic_Test = 'Y' THEN 1 ELSE 0 END
+CASE WHEN Tutorial_Comp_Studies = 'Y' THEN 1 ELSE 0 END

INTO MI_Warehouse_Staging.Temp.LAD_HIER
FROM ( SELECT
        ACADEMIC_YEAR_CODE = '1213'
      , LEARNING_AIM_REF
      , LEARNING_AIM_REF_TITLE
      , MAP_CODE_DESC = CASE WHEN ISNULL(MAP_CODE_DESC, '') = '' THEN
LEARNING_AIM_REF_TITLE ELSE MAP_CODE_DESC END
      --If no mapcode use the aim code
      , MAP_CODE_CODE = CASE WHEN ISNULL(MAP_CODE_CODE, '') = '' THEN
LEARNING_AIM_REF ELSE MAP_CODE_CODE END
      , AWARDING_ORGANISATION_CODE
      , LEARNING_AIM_TYPE_CODE
      , NOTIONAL_LEVEL_V2_CODE
      , NOTIONAL_NVQ_LEVEL_CODE
      , LEVEL2_ENTITLEMENT_CAT_CODE
      , LEVEL2_PERCENTAGE
      , LEVEL3_ENTITLEMENT_CAT_CODE
      , LEVEL3_PERCENTAGE
      , SSA_TIER1_CODE
      , SSA_TIER2_CODE
      , SKILLS_FOR_LIFE = CASE WHEN ISNULL(SKILLS_FOR_LIFE_TYPE_CODE, 'X') IN
('X','U') THEN 'N' ELSE 'Y' END
      , SKILLS_FOR_LIFE_TYPE_CODE
      , QualificationType =
CASE
      WHEN LEARNING_AIM_TYPE_CODE IN('0001','1416','1432','1433')
THEN 'AS Levels'

```

```

        WHEN LEARNING_AIM_TYPE_CODE IN ('0002', '1413', '1414', '1415', '1417'
                                         , '1418', '1430', '1431', '1434', '1435', '1453')
THEN 'A Levels'
        WHEN LEARNING_AIM_TYPE_CODE IN ('1421', '1423', '1424', '1425')
THEN 'BTEC / OCR'
        WHEN LEARNING_AIM_TYPE_CODE IN ('0017', '0030', '1428')
        AND AWARDING_ORGANISATION_CODE = 'OCR'
THEN 'BTEC / OCR'
        WHEN LEARNING_AIM_TYPE_CODE IN ('0003', '1081', '1422', '2999')
THEN 'GCSE'
        WHEN LEARNING_AIM_TYPE_CODE IN ('1401')
THEN 'International Baccalaureate'
        WHEN LEARNING_AIM_TYPE_CODE IN ('0036')
THEN 'NVQ'
        ELSE 'Other'
    END
    , A_Levels =
    CASE
        WHEN LEARNING_AIM_TYPE_CODE IN ('0001', '1416', '1432', '1433')
THEN 'AS Levels'
        WHEN LEARNING_AIM_TYPE_CODE IN ('1413', '1434', '1435')
THEN 'A2 Levels'
        WHEN LEARNING_AIM_TYPE_CODE
IN ('0002', '1414', '1415', '1417', '1418', '1430', '1431', '1453') THEN 'A Levels'
        ELSE 'Other'
    END
    , QCF_Type =
    CASE
        WHEN CREDIT_BASED_TYPE_CODE = '01' THEN 'QCF Qualification'
        WHEN CREDIT_BASED_TYPE_CODE = '02' THEN 'QCF Generic' --'QCF Generic
Unit'
        WHEN CREDIT_BASED_TYPE_CODE = '03' THEN 'QCF Unit'
        WHEN CREDIT_BASED_TYPE_CODE = 'X' THEN 'Not QCF'
        WHEN CREDIT_BASED_TYPE_CODE IS NULL THEN 'Not QCF'
        ELSE 'Err'
    END
    , QCF_Size
    = CASE
        WHEN CREDIT_BASED_TYPE_CODE IN ('01', '02', '03')
        AND ISNULL(REGULATED_CREDIT_VALUE, 0) != 0 THEN
            CASE WHEN LEARNING_AIM_TYPE_CODE = '1448'
                THEN 'QCF Unit'
                WHEN REGULATED_CREDIT_VALUE BETWEEN '1' AND '12'
                THEN 'Award'
                WHEN REGULATED_CREDIT_VALUE BETWEEN '13' AND '36'
                THEN 'Certificate'
                WHEN REGULATED_CREDIT_VALUE >= 37
                THEN 'Diploma'
            END
        WHEN ISNULL(CREDIT_BASED_TYPE_CODE, 'X') IN ('01', '02', '03', 'X')
THEN
            CASE WHEN LEARNING_AIM_TYPE_CODE IN
('0002', '1413', '1414', '1415', '1417', '1418', '1430', '1431', '1434', '1435', '1453')
                THEN 'A-Levels'
                WHEN LEARNING_AIM_TYPE_CODE IN ('0001', '1416',
'1432', '1433')
                THEN 'AS-Levels'
                WHEN LEARNING_AIM_TYPE_CODE IN ('0003', '1081',
'1422', '2999')
                THEN

```

```

CASE WHEN MAP_CODE_CODE IN
('B1220137', 'B0220076')
THEN 'GCSE Maths and English'

ELSE 'GCSE Other'
END

WHEN LEARNING_AIM_TYPE_CODE IN
('1441', '1442', '1443', '1444')
THEN 'Diploma (14-19)'
WHEN LEARNING_AIM_TYPE_CODE = '1401'
THEN 'International Baccalaureate'
WHEN SKILLS_FOR_LIFE_TYPE_CODE IN
('01', '02', '19', '20', '27', '28')
THEN 'Skills for Life Qualification'
WHEN SKILLS_FOR_LIFE_TYPE_CODE IN ('21', '22', '23')
THEN 'Skills for Life Unit'
ELSE 'Other'
END

ELSE 'Other'
END

, QSR_Status =
CASE
WHEN LEARNING_AIM_TYPE_CODE = 'X901' THEN 'QSR
Exclusions' --Exclude additional units
WHEN LEARNING_AIM_TYPE_CODE IN ('8008', '8009') THEN 'QSR
Exclusions' --Exclude Unitisation Quals
WHEN LEARNING_AIM_TYPE_CODE = '8011' THEN 'QSR
Exclusions' --Exclude Diagnostic Tests
WHEN LEARNING_AIM_REF IN ('CMISC001', 'XESF0001') THEN 'QSR
Exclusions' --Exclude Tutorial Support and Complimentary Studies
WHEN LEARNING_AIM_TYPE_CODE = '1327' THEN 'QSR
Exclusions' --Identify Key skills
WHEN LEARNING_AIM_TYPE_CODE = '1439' THEN 'QSR
Exclusions' --Identify Functional skills
WHEN LEARNING_AIM_TYPE_CODE = '1448' THEN 'QSR
Exclusions' --Identify QCF Units
WHEN LEARNING_AIM_REF = 'ZFLW0001' THEN 'QSR
Exclusions' --Identify Foundation Learning Weekly Aim
WHEN LEARNING_AIM_REF IN
('ZINN0001', 'ZINN0002', 'ZINN0003', 'ZINN0004', 'ZINN0005', 'ZINN0006') THEN 'QSR
Exclusions' --Exclude Innovation code aims

ELSE 'QSR Inclusions'
END
, Add_Unit_Excl = CASE WHEN LEARNING_AIM_TYPE_CODE = 'X901'
THEN 1 ELSE 0 END
, Unitisation_Excl = CASE WHEN LEARNING_AIM_TYPE_CODE IN ('8008',
'8009') THEN 1 ELSE 0 END
, Diagnostic_Excl = CASE WHEN LEARNING_AIM_TYPE_CODE = '8011'
THEN 1 ELSE 0 END
, Tutorial_Excl = CASE WHEN LEARNING_AIM_REF IN
('CMISC001', 'XESF0001') THEN 1 ELSE 0 END
, FoundationLearningWeekly_Excl = CASE WHEN LEARNING_AIM_REF =
'ZFLW0001' THEN 1 ELSE 0 END
, Innovation_Excl = CASE WHEN LEARNING_AIM_REF IN
('ZINN0001', 'ZINN0002', 'ZINN0003', 'ZINN0004', 'ZINN0005', 'ZINN0006') THEN 1 ELSE 0 END
, Additional_Unit = CASE WHEN LEARNING_AIM_TYPE_CODE = 'X901'
THEN 'Y' ELSE 'N' END
, Unitisation_Qual = CASE WHEN LEARNING_AIM_TYPE_CODE IN ('8008',
'8009') THEN 'Y' ELSE 'N' END

```

```

        , Diagnostic_Test =          CASE WHEN LEARNING_AIM_TYPE_CODE = '8011'
        THEN 'Y' ELSE 'N' END
        , Tutorial_Comp_Studies =    CASE WHEN LEARNING_AIM_REF IN
('CMISC001','XESF0001') THEN 'Y' ELSE 'N' END
        --Identify Keyskills
        , A_KEYSILLS = CASE WHEN LEARNING_AIM_TYPE_CODE = '1327' THEN 1 ELSE 0
END
        --Identify Functional skills
        , A_FUNCTIONAL_SKILLS = CASE WHEN LEARNING_AIM_TYPE_CODE = '1439' THEN 1
ELSE 0 END
        , A_QCF_Unit = CASE WHEN LEARNING_AIM_TYPE_CODE = '1448' THEN 1 ELSE 0 END
--Identify QCF Units
FROM MI_Warehouse_Staging.dbo.LARA_HIERARCHY_20131031 AS HIER

UNION

--+Aims not migrated to LARA
SELECT      ACADEMIC_YEAR_CODE = '1213'
        , LAD.LEARNING_AIM_REF          AS LEARNING_AIM_REF
        , A_LAD.A09_TITL
        , MAP_CODE_DESC = CASE WHEN ISNULL(MAP_CODE_DESC, '') = '' THEN
A_LAD.A09_TITL ELSE MAP_CODE_DESC END
        --If no mapcode use the aim code
        , MAP_CODE_CODE = CASE WHEN ISNULL(MAP_CODE_CODE, '') = '' THEN
LAD.LEARNING_AIM_REF ELSE MAP_CODE_CODE END
        , AWARDING_BODY_CODE
        , LEARNING_AIM_TYPE_CODE
        , NOTIONAL_LEVEL_V2_CODE
        , NOTIONAL_NVQ_LEVEL_CODE
        , LEVEL2_ENTITLEMENT_CAT_CODE
        , LEVEL2_PERCENTAGE
        , LEVEL3_ENTITLEMENT_CAT_CODE
        , LEVEL3_PERCENTAGE
        , SSA_TIER1_CODE
        , SSA_TIER2_CODE
        , SKILLS_FOR_LIFE = CASE WHEN ISNULL(SKILLS_FOR_LIFE_TYPE_CODE, 'X') IN
('X','U') THEN 'N' ELSE 'Y' END
        , SKILLS_FOR_LIFE_TYPE_CODE
        , QualificationType =
        CASE
            WHEN LEARNING_AIM_TYPE_CODE IN ('0001','1416','1432','1433')
            THEN 'AS Levels'
            WHEN LEARNING_AIM_TYPE_CODE IN ('0002','1413','1414','1415','1417',
            '1418','1430','1431','1434','1435','1453')
            THEN 'A Levels'
            WHEN LEARNING_AIM_TYPE_CODE IN ('1421','1423','1424','1425')
            THEN 'BTEC / OCR'
            WHEN LEARNING_AIM_TYPE_CODE IN ('0017','0030','1428')
            AND A_LAD.A_AWARDB = 'OCR'
            THEN 'BTEC / OCR'
            WHEN LEARNING_AIM_TYPE_CODE IN ('0003','1081','1422','2999')
            THEN 'GCSE'
            WHEN LEARNING_AIM_TYPE_CODE IN ('1401')
            THEN 'International Baccalaureate'
            WHEN LEARNING_AIM_TYPE_CODE IN ('0036')
            THEN 'NVQ'

            ELSE 'Other'
        
```

```

        END
    , A_Levels =
        CASE
            WHEN LEARNING_AIM_TYPE_CODE IN('0001','1416','1432','1433')
                THEN 'AS Levels'
            WHEN LEARNING_AIM_TYPE_CODE IN('1413','1434','1435')
                THEN 'A2 Levels'
            WHEN LEARNING_AIM_TYPE_CODE
IN('0002','1414','1415','1417','1418','1430','1431','1453') THEN 'A Levels'

        ELSE 'Other'
        END
    , QCF_Type = ISNULL(QCFT.QCF_Type, 'Not QCF')
    , QCF_Size
        = CASE
            WHEN ISNULL(FFA_Credit, 0) != 0 AND LEARNING_AIM_TYPE_CODE = '1448'
                THEN 'QCF Unit'
            WHEN ISNULL(FFA_Credit, 0) BETWEEN 1 AND 12
                THEN 'Award'
            WHEN ISNULL(FFA_Credit, 0) BETWEEN 13 AND 36
                THEN 'Certificate'
            WHEN ISNULL(FFA_Credit, 0) >= 37
                THEN 'Diploma'
            WHEN LEARNING_AIM_TYPE_CODE IN
('0002','1413','1414','1415','1417','1418','1430','1431','1434','1435','1453') THEN 'A-
Levels'

                WHEN LEARNING_AIM_TYPE_CODE IN ('0001','1416','1432','1433')
                    THEN 'AS-Levels'
                WHEN LEARNING_AIM_TYPE_CODE IN ('0003','1081','1422','2999')
                    THEN CASE WHEN MAP_CODE_CODE IN ('B1220137','B0220076') THEN 'GCSE Maths and
English'

                        ELSE 'GCSE Other'
                    END
                WHEN LEARNING_AIM_TYPE_CODE IN ('1441','1442','1443','1444')
                    THEN 'Diploma (14-19)'
                WHEN LEARNING_AIM_TYPE_CODE = '1401'
                    THEN 'International Baccalaureate'
                WHEN SKILLS_FOR_LIFE_TYPE_CODE IN ('1','2','19','20','27','28')
                    THEN 'Skills for Life Qualification'
                WHEN SKILLS_FOR_LIFE_TYPE_CODE IN ('21','22','23')
                    THEN 'Skills for Life Unit'

        ELSE

'Other'
        END
    , QSR_Status =
        CASE
            WHEN LEARNING_AIM_TYPE_CODE = 'X901' THEN 'QSR
Exclusions' --Exclude additional units
            WHEN LEARNING_AIM_TYPE_CODE IN ('8008','8009') THEN 'QSR
Exclusions' --Exclude Unitisation Quals
            WHEN LEARNING_AIM_TYPE_CODE = '8011' THEN 'QSR
Exclusions' --Exclude Diagnostic Tests
            WHEN LAD.LEARNING_AIM_REF IN ('CMISC001','XESF0001') THEN 'QSR
Exclusions' --Exclude Tutorial Support and Complimentary Studies
            WHEN LEARNING_AIM_TYPE_CODE = '1327' THEN 'QSR
Exclusions' --Identify Key skills
            WHEN LEARNING_AIM_TYPE_CODE = '1439' THEN 'QSR
Exclusions' --Identify Functional skills
        
```



```

                WHEN LEARNING_AIM_TYPE_CODE = '1448'                                THEN 'QSR
Exclusions'  --Identify QCF Units
                WHEN LAD.LEARNING_AIM_REF = 'ZFLW0001'                            THEN 'QSR
Exclusions'  --Identify Foundation Learning Weekly Aim
                WHEN LAD.LEARNING_AIM_REF IN
('ZINN0001','ZINN0002','ZINN0003','ZINN0004','ZINN0005','ZINN0006') THEN 'QSR
Exclusions'  --Exclude Innovation code aims
                END

                , Add_Unit_Excl = CASE WHEN LEARNING_AIM_TYPE_CODE = 'X901'
                THEN 1 ELSE 0 END
                , Unitisation_Excl = CASE WHEN LEARNING_AIM_TYPE_CODE IN ('8008','8009')
                THEN 1 ELSE 0 END
                , Diagnostic_Excl = CASE WHEN LEARNING_AIM_TYPE_CODE = '8011'
                THEN 1 ELSE 0 END
                , Tutorial_Excl = CASE WHEN LAD.LEARNING_AIM_REF IN
('CMISC001','XESF0001') THEN 1 ELSE 0 END
                , FoundationLearningWeekly_Excl = CASE WHEN LAD.LEARNING_AIM_REF =
'ZFLW0001' THEN 1 ELSE 0 END
                , Innovation_Excl = CASE WHEN LAD.LEARNING_AIM_REF IN
('ZINN0001','ZINN0002','ZINN0003','ZINN0004','ZINN0005','ZINN0006') THEN 1 ELSE 0 END

                , Additional_Unit = CASE WHEN LEARNING_AIM_TYPE_CODE = 'X901'
THEN 'Y' ELSE 'N' END
                , Unitisation_Qual = CASE WHEN LEARNING_AIM_TYPE_CODE IN ('8008','8009')
THEN 'Y' ELSE 'N' END
                , Diagnostic_Test = CASE WHEN LEARNING_AIM_TYPE_CODE = '8011'
THEN 'Y' ELSE 'N' END
                , Tutorial_Comp_Studies = CASE WHEN LAD.LEARNING_AIM_REF IN
('CMISC001','XESF0001') THEN 'Y' ELSE 'N' END
                --Identify Keyskills
                , A_KEYSILLS = CASE WHEN LEARNING_AIM_TYPE_CODE = '1327' THEN 1 ELSE 0
END
                --Identify Functional skills
                , A_FUNCTIONAL_SKILLS = CASE WHEN LEARNING_AIM_TYPE_CODE = '1439' THEN 1
ELSE 0 END
                , A_QCF_Unit = CASE WHEN LEARNING_AIM_TYPE_CODE = '1448' THEN 1 ELSE 0 END
                --Identify QCF Units

FROM MI_Warehouse_Staging.dbo.HIER_20111123_1011_PSV LAD

JOIN ILRExtract.dbo.LAD_1011 A_LAD

ON A_LAD.A09 = LAD.Learning_AIM_Ref

LEFT JOIN MI_Warehouse.LAD.QCF_FFA_Type QCFT
ON QCFT.Learning_AIM_Ref = LAD.Learning_AIM_Ref

LEFT JOIN MI_Warehouse.LAD.FFA_Credit FFC
ON FFC.Learning_AIM_Ref = LAD.Learning_AIM_Ref

WHERE LAD.Learning_AIM_Ref NOT IN (SELECT LEARNING_AIM_REF FROM
MI_Warehouse_Staging.dbo.LARA_HIERARCHY_20131031)
) AA

```

```

CREATE UNIQUE CLUSTERED INDEX IDX_Learning_AIM_Ref ON
MI_Warehouse_Staging.Temp.LAD_HIER(Learning_AIM_Ref)

EXEC MI_Warehouse_Staging.system.usp_DropTable 'Temp.Provider'

SELECT PD.*
, ISNULL(G.Pst_GOR_Gov_Off_Desc, 'Unknown') Provider_GOR
, ISNULL(LA.Pst_LOCAL_AUTHO_Desc, 'Unknown') Provider_LocalAuthority
INTO MI_Warehouse_Staging.Temp.Provider
FROM ILRExtract.dbo.SILR1213_PROVIDER_DETAILS PD
LEFT JOIN ILRExtract.dbo.Postcode_Geographical_Attributes_May_2013 P ON
P.Pst_POSTCODE = PD.Prv_POSTCODE
LEFT JOIN ILRExtract.Postcodes.Pst_GOR_LOOKUP_20011_12_Format G ON G.Pst_GOR =
P.Pst_GOR
LEFT JOIN ILRExtract.Postcodes.Pst_LOCAL_AUTHORITY_LOOKUP_20011_12_Format LA ON
LA.Pst_LOCAL_AUTHORITY = P.Pst_LOCAL_AUTHORITY

CREATE UNIQUE CLUSTERED INDEX IDX_Temp_Provider ON
MI_Warehouse_Staging.Temp.Provider(L01)

SELECT 2008 AS Year_ID
, LA.L01
, LA.L03
, LA.A09
, LA.A10
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A50
, P_ExpEndYr =
CASE
WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
ELSE 0
END
, LA.A05
, LA.A_IY_QUALIFYING_SLN_Period A_TODATE_QUALIFYING_SLN_PERIOD
, LA.A_TO_DATE_SLN_PAYMENT
, DLF.A_Total_Payment_Y2D
, LA.A_INYR_EXPECTED_GLH
, P_StartYr =
CASE
WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
ELSE 0
END
, 0 EFA_Funded
INTO #LA
FROM ILRExtract.dbo.ILR0809_L05_AIMS LA
JOIN ILRExtract.dbo.ILR0809_L05_LEARNER L ON LA.L01 = L.L01 AND LA.L03 = L.L03
LEFT JOIN ILRExtract.dbo.ILR0809_L05_AIMS_DLF DLF ON DLF.L01 = LA.L01
AND DLF.L03 = LA.L03
AND DLF.A05 = LA.A05

WHERE
--Only include Aims with a planned end date within the last 3 yrs or Greater
CASE
WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)

```

```

        WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
        ELSE 0
    END >= @ReportingYear-2

```

```

INSERT INTO #LA
SELECT 2009 AS Year_ID
, LA.L01
, LA.L03
, LA.A09
, LA.A10
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A50
, P_ExpEndYr = CASE
        WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
        WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
        ELSE 0
    END
, LA.A05
, LA.A_IY_QUALIFYING_SLN_Period
, LA.A_TO_DATE_SLN_PAYMENT
, DLF.A_Total_Payment_Y2D
, LA.A_INYR_EXPECTED_GLH
, P_StartYr =
    CASE
        WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
        WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
        ELSE 0
    END
, 0 EFA_Funded
FROM ILRExtract.dbo.ILR0910_L05_AIMS LA
JOIN ILRExtract.dbo.ILR0910_L05_LEARNER L ON LA.L01 = L.L01 AND LA.L03 = L.L03
LEFT JOIN ILRExtract.dbo.ILR0910_L05_AIMS_DLF DLF ON DLF.L01 = LA.L01
        AND DLF.L03 = LA.L03
        AND DLF.A05 = LA.A05

WHERE
--Only include Aims with a planned end date within the last 3 yrs or Greater
CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
END >= @ReportingYear-2

```

```

INSERT INTO #LA
SELECT 2010 AS Year_ID
, LA.L01
, LA.L03
, LA.A09
, LA.A10
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A50
, P_ExpEndYr = CASE

```

```

        WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
        WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
        ELSE 0
    END
, LA.A05
, LA.A_IY_QUALIFYING_SLN_Period
, LA.A_TO_DATE_SLN_PAYMENT
, DLF.A_Total_Payment_Y2D
, LA.A_INYR_EXPECTED_GLH
, P_StartYr = CASE
        WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
        WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
        ELSE 0
    END
, EFA_Funded = CASE WHEN LA.A10=82 THEN 1
        WHEN 105 IN(LA.A11a,LA.A11b) THEN 0
        WHEN 108 IN(LA.A11a,LA.A11b) THEN 0
        WHEN 107 IN(LA.A11a, LA.A11b) THEN 1
        WHEN LA.A10=21 THEN 1
        ELSE 0
    END
END
FROM ILRExtract.dbo.ILR1011_LR05_AIMS LA
JOIN ILRExtract.dbo.ILR1011_LR05_LEARNER L ON LA.L01 = L.L01 AND LA.L03 = L.L03
LEFT JOIN ILRExtract.dbo.ILR1011_LR05_AIMS_DLF DLF ON DLF.L01 = LA.L01
        AND DLF.L03 = LA.L03
        AND DLF.A05 = LA.A05
WHERE
--Only include Aims with a planned end date within the last three yrs or Greater
CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
END >= @ReportingYear-2

INSERT INTO #LA
SELECT 2011 AS Year_ID
, LA.L01
, LA.L03
, LA.A09
, LA.A10
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A50
, P_ExpEndYr = CASE
        WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
        WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
        ELSE 0
    END
, LA.A05
, LA.A_IY_QUALIFYING_SLN_Period
, LA.A_TO_DATE_SLN_PAYMENT
, ISNULL(DLF.A_Total_Payment_Y2D, 0) A_Total_Payment_Y2D
, LA.A_INYR_EXPECTED_GLH
, P_StartYr = CASE
        WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
        WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1

```

```

        ELSE 0
    END
    , EFA_Funded = CASE WHEN LA.A_Agency_Funding IN(5,6) THEN 1 ELSE 0 END
FROM
    ILRExtract.dbo.SILR1112_AIMS_SN14 LA
    JOIN ILRExtract.dbo.SILR1112_LEARNER_SN14 L ON LA.L01 = L.L01 AND LA.L03 = L.L03
    LEFT JOIN ILRExtract.dbo.SILR1112_FUNDING_AIMS_SN14 DLF ON DLF.L01 = LA.L01
        AND DLF.L03 = LA.L03
        AND DLF.A05 = LA.A05
WHERE
--Only include Aims with a planned end date within the last three yrs or Greater
CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
END >= 2007 --Adjusted for WPL Hybrid End Yr

INSERT INTO #LA
SELECT 2012 AS Year_ID
    , LA.L01
    , LA.L03
    , LA.A09
    , LA.A10
    , LA.A27
    , LA.A28
    , LA.A31
    , LA.A34
    , LA.A50
    , P_ExpEndYr = CASE
        WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
        WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
        ELSE 0
    END
    , LA.A05
    , LA.A_SLNSTARTIND
    , LA.A_TO_DATE_SLN_PAYMENT
    , ISNULL(DLF.A_Total_Payment_Y2D, 0) A_Total_Payment_Y2D
    , LA.A_INYR_EXPECTED_GLH
    , P_StartYr = CASE
        WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
        WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
        ELSE 0
    END
    , EFA_Funded = CASE WHEN LA.A_Agency_Funding IN(5,6) THEN 1 ELSE 0 END
FROM
    ILRExtract.dbo.SILR1213_AIMS_SN14 LA
    JOIN ILRExtract.dbo.SILR1213_LEARNER_SN14 L ON LA.L01 = L.L01 AND LA.L03 = L.L03
    LEFT JOIN ILRExtract.dbo.SILR1213_FUNDING_AIMS_SN14 DLF ON DLF.L01 = LA.L01
        AND DLF.L03 = LA.L03
        AND DLF.A05 = LA.A05
WHERE
--Only include Aims with a planned end date within the last three yrs or Greater
CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
END >= 2007 --Adjusted for WPL Hybrid End Yr

```

```

EXEC MI_Warehouse_Staging.system.usp_DropTable 'dbo.QSR_LA0809_1213'

SELECT *
INTO MI_Warehouse_Staging.dbo.QSR_LA0809_1213
FROM #LA LA

--Add in Mergers based on L01 Mergers file and L03 Mapping returns
SELECT L.*
, CASE WHEN M.L01 IS NULL THEN L.L01 ELSE M.L01_New END L01_New
, CASE WHEN M2.L03 IS NULL THEN L.L03 ELSE M2.L03_New END L03_New
INTO #LA_Merged
FROM #LA L
LEFT JOIN #MergerList M ON M.L01 = L.L01
AND Mrg_Academic_Year < @ReportingYear
AND M.L01 != M.L01_New
LEFT JOIN #LR_L03_Mergers M2 ON M2.L01 = L.L01
AND M2.L03 = L.L03
AND ISNULL(M2.L03_New, '') != ''

--Delete duplicate records due to Merger,
--i.e. where the new provider has returned the same L03
--remove the same record submitted by the old L01
DELETE M2
FROM #LA_Merged M
JOIN #LA_Merged M2 ON M.Year_ID = M2.Year_ID
AND M.L01_New = M2.L01_New
AND M.L03_New = M2.L03_New
AND M.A09 = M2.A09
AND M.A27 = M2.A27
AND M.P_ExpEndYr = M2.P_ExpEndYr
AND M.L01 = M.L01_New
AND M2.L01 != M2.L01_New

--Produce a temporary store
EXEC MI_Warehouse_Staging.system.usp_DropTable 'Temp.QSR_LR_Merged_0809_1213'

SELECT *
--Generate a unique id within each year
, RANK() OVER(PARTITION BY Year_ID
--Sequence using the following
ORDER BY Year_ID
, L01
, L03
, A09
, A27
, A28

--Ensure anything with an actual end date or is a transfer
--is seeded first
, CASE WHEN A34 = 4 THEN 2
WHEN A50 = 7 THEN 2
WHEN A31 IS NOT NULL THEN 1
ELSE 0
END DESC
, A05) [Rank]

--Create matching control fields
, CAST(0 As integer) Matched
, CAST(0 As integer) MatchYear

```

```

, CAST(0 As integer) MatchedRank
INTO MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213
FROM #LA_Merged
WHERE L01_New != -1

--Call matching process for 2008 data, passing in start and end year
EXEC QSR.usp_LR_QSR_MatchProcess 2008, @ReportingYear, 1

--Call matching process for 2009 data, passing in start and end year
EXEC QSR.usp_LR_QSR_MatchProcess 2009, @ReportingYear, 1

--Call matching process for 2010 data, passing in start and end year
EXEC QSR.usp_LR_QSR_MatchProcess 2010, @ReportingYear, 1

--Call matching process for 2011 data, passing in start and end year
EXEC QSR.usp_LR_QSR_MatchProcess 2011, @ReportingYear, 1

--Call matching process for 2011 data, passing in start and end year
EXEC QSR.usp_LR_QSR_MatchProcess 2012, @NextYear, 1

--Generate a row count
SELECT 'Dummy row forced'

--Force Match Year and Match Rank in prior matches to
--record the last found match
--Iterate until no more updates occur
WHILE @@RowCount != 0
BEGIN
    UPDATE A
    SET MatchYear = B.MatchYear
    , A.MatchedRank = B.MatchedRank
    FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
    JOIN MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 B ON B.Year_ID =
A.MatchYear
AND B.Rank = A.MatchedRank

    WHERE A.MatchedRank != 0
    AND B.MatchedRank != 0
END

--Identify all un-matched records and record
--In addition calculate the total GLH and payment values by summing all
--values from the associated matched records and the unmatched record
SELECT A.Year_ID
, A.L01_New L01
, A.L03_New L03
, A.A09
, A.A10
, A.P_StartYr
, A.P_ExpEndYr
, A.L01 L01_Orig
, A.L03 L03_Orig
, A.A05
, B.A_TODATE_QUALIFYING_SLN_PERIOD
, B.A_TO_DATE_SLN_PAYMENT
, B.A_TOTAL_PAYMENT
, B.A_TOTAL_INYR_EXPECTED_GLH

```

```

, A.A_Total_Payment_Y2D
, A.Matched
, A.A27
, A.A28
, A.A31
, A.A34
, PriorLR
, In_LR = In_LR_0809 | In_LR_0910 | In_LR_1011 | In_LR_1112 | In_LR_1213
, CAST(0 AS INT) SixWeek_Excl
, CAST(0 AS INT) MCL_Excl
, B.EFA_Funded
, EFA_Funded_Latest = A.EFA_Funded
INTO #Latest
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN (SELECT CASE WHEN MatchYear = 0 THEN Year_ID ELSE MatchYear END Year_ID
, CASE WHEN MatchedRank = 0 THEN Rank ELSE MatchedRank END Rank
, Max(A_TO_DATE_SLN_PAYMENT) A_TO_DATE_SLN_PAYMENT
, SUM(ISNULL(A_Total_Payment_Y2D,0)) A_TOTAL_PAYMENT
, SUM(ISNULL(A_INYR_EXPECTED_GLH, 0)) A_TOTAL_INYR_EXPECTED_GLH
, Max(ISNULL(A_TODATE_QUALIFYING_SLN_PERIOD, 0))
A_TODATE_QUALIFYING_SLN_PERIOD
, MAX(CASE WHEN Year_ID > 2010 THEN 0 ELSE Year_ID END) PriorLR
, MAX(CASE WHEN Year_ID = 2008 THEN 1 ELSE 0 END) In_LR_0809
, MAX(CASE WHEN Year_ID = 2009 THEN 2 ELSE 0 END) In_LR_0910
, MAX(CASE WHEN Year_ID = 2010 THEN 4 ELSE 0 END) In_LR_1011
, MAX(CASE WHEN Year_ID = 2011 THEN 8 ELSE 0 END) In_LR_1112
, MAX(CASE WHEN Year_ID = 2012 THEN 16 ELSE 0 END) In_LR_1213
, MAX(EFA_Funded) EFA_Funded
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
GROUP BY
CASE WHEN MatchYear = 0 THEN Year_ID ELSE MatchYear END
, CASE WHEN MatchedRank = 0 THEN Rank ELSE MatchedRank END
) B ON A.Year_ID = B.Year_ID AND A.Rank = B.Rank

CREATE CLUSTERED INDEX IDX_Prim ON #Latest(L01, L03, A09, A05, Year_ID)
CREATE INDEX IDX_Year ON #Latest(Year_ID)

--Enforce six week rule for records not eligible for funding and not received funding
UPDATE #Latest
SET SixWeek_Excl = 1
WHERE Datediff(d, A27, ISNULL(A31, A28))+1 < 6*7 --Left within 6 Weeks
AND Datediff(d, A27, A28)+1 >= 24*7 --Is a long Qualification
AND A34 = 3 --Has withdrawn

--MCL not used for CL, implemented for WPL
SELECT DISTINCT MT.L01, MT.L03, MT.A05, MT.Year_ID
INTO #MCL2
FROM #Latest MT
JOIN ILRExtract.dbo.vw_ER_MCL_Mergers M ON M.Old_L01 = MT.L01 AND M.Old_LRN =
MT.L03
JOIN #Latest MTN ON M.New_L01 = MTN.L01
AND M.New_LRN = MTN.L03
AND MT.A09 = MTN.A09
AND MT.Year_ID <= MTN.Year_ID
WHERE MT.Year_ID != 2012

UPDATE LA
SET MCL_Excl = 1

```



```

FROM #Latest LA
    JOIN #MCL2 MCL ON MCL.L01 = LA.L01
                    AND MCL.L03 = LA.L03
                    AND MCL.A05 = LA.A05
                    AND MCL.Year_ID = LA.Year_ID

--Create a store of matched records
Exec MI_Warehouse_Staging.system.usp_DropTable 'dbo.LR_QSR_Latest_Recs_Matches'

SELECT *
INTO MI_Warehouse_Staging.dbo.LR_QSR_Latest_Recs_Matches
FROM #Latest

--0809 FE Data.
--Get all record details from the relevant year based on the
--unmatched records
SELECT 2008 Year_ID
      , LAT.L01
      , LAT.L01_Orig
      , LAT.L03
      , LAT.L03_Orig
      , LA.A04
      , LA.A05
      , LA.A09
      , LA.A10
      , LA.A14
      , LA.A15
      , LA.A18
      , LA.A22
      , LA.A23
      , LA.A26
      , LA.A27
      , LA.A28
      , LA.A31
      , LA.A32
      , LA.A34
      , LA.A35
      , LA.A36
      , LA.A46a
      , LA.A46b
      , 999 A46c
      , A49A = LA.A49
      , LA.A50
      , LA.A58
      , L.L11
      , L.L12
      , L.L13
      , L.L14
      , L.L15
      , L.L16
      , L.L17
      , L.L35
      , LA.A_INYR_EXPECTED_GLH
      , p_expendyr = CASE
                        WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
                        WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
                        ELSE 0

```

```

        END
, P_StartYr = CASE
    WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
    WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
    ELSE 0
    END
, P_ActEndYr = CASE
    WHEN DatePart(m, LA.A31) >= 8 THEN DatePart(yy, LA.A31)
    WHEN DatePart(m, LA.A31) < 8 THEN DatePart(yy, LA.A31)-1
    ELSE 0
    END
, LAT.A_TODATE_QUALIFYING_SLN_PERIOD
, -1 L_FUND_ACTIVE
, L.L46
, ULN = L.L45
, Curr_Empl_Stat = L.L47
, LAT.A_Total_Payment_Y2D
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.A_TOTAL_INYR_EXPECTED_GLH
, 0 A_DAGLH
, SixWeek_Excl
, PriorLR
, LA.A_TTGAIN
, A68 = -1
, -1 BSI
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, L.L_AGE
, LA.A44
, A63 = -1
, LA.A_AGEST
, LA.A_AGESTB
, L_FundingSource = -1
INTO #0809_F05_Aims_Data_v1
FROM ILRExtract.dbo.ILR0809_L05_LEARNER L
JOIN ILRExtract.dbo.ILR0809_L05_AIMS LA ON LA.L01 = L.L01
    AND LA.L03 = L.L03
JOIN ILRExtract.dbo.ILR0809_L05_AIMS_DLF DLF ON DLF.L01 = LA.L01
    AND DLF.L03 = LA.L03
    AND DLF.A05 = LA.A05
JOIN (
    SELECT *
    FROM #Latest
    WHERE Year_ID = 2008) LAT ON LAT.L01_Orig = LA.L01
    AND LAT.L03_Orig = LA.L03
    AND LAT.A05 = LA.A05

--0910 FE Data.
--Get all record details from the relevant year based on the
--unmatched records
SELECT 2009 Year_ID
, LAT.L01
, LAT.L01_Orig
, LAT.L03
, LAT.L03_Orig
, LA.A04

```

```

, LA.A05
, LA.A09
, LA.A10
, LA.A14
, LA.A15
, LA.A18
, LA.A22
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A32
, LA.A34
, LA.A35
, LA.A36
, LA.A46a
, LA.A46b
, 999 A46c
, A49A = LA.A49
, LA.A50
, LA.A58
, L.L11
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L.L35
, LA.A_INYR_EXPECTED_GLH
, p_expendyr = CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
    END
, P_StartYr = CASE
    WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
    WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
    ELSE 0
    END
, P_ActEndYr = CASE
    WHEN DatePart(m, LA.A31) >= 8 THEN DatePart(yy, LA.A31)
    WHEN DatePart(m, LA.A31) < 8 THEN DatePart(yy, LA.A31)-1
    ELSE 0
    END
, LAT.A_TODATE_QUALIFYING_SLN_PERIOD
, -1 L_FUND_ACTIVE
, L.L46
, ULN = L.L45
, Curr_Empl_Stat = L.L47
, LAT.A_Total_Payment_Y2D
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.A_TOTAL_INYR_EXPECTED_GLH
, 0 A_DAGLH
, SixWeek_Excl
, PriorLR

```

```

, LA.A_TTGAIN
, LA.A68
, -1 BSI
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, L.L_AGE
, LA.A44
, LA.A63
, LA.A_AGEST
, LA.A_AGESTB
, L_FundingSource = -1
INTO #0910_F05_Aims_Data_v1
FROM ILRExtract.dbo.ILR0910_L05_LEARNER L
JOIN ILRExtract.dbo.ILR0910_L05_AIMS LA      ON LA.L01 = L.L01
                                           AND LA.L03 = L.L03
JOIN ILRExtract.dbo.ILR0910_L05_AIMS_DLF DLF  ON DLF.L01 = LA.L01
                                           AND DLF.L03 = LA.L03
                                           AND DLF.A05 = LA.A05

JOIN ( SELECT *
      FROM #Latest
      WHERE Year_ID = 2009) LAT ON LAT.L01_Orig = LA.L01
                                           AND LAT.L03_Orig = LA.L03
                                           AND LAT.A05 = LA.A05

```

--1011 FE Data.

--Get all record details from the relevant year based on the
--unmatched records

```

SELECT 2010 Year_ID
, LAT.L01
, LAT.L01_Orig
, LAT.L03
, LAT.L03_Orig
, LA.A04
, LA.A05
, LA.A09
, LA.A10
, LA.A14
, LA.A15
, LA.A18
, CAST(LA.A22 AS VARCHAR) AS A22
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A32
, LA.A34
, LA.A35
, LA.A36
, LA.A46a
, LA.A46b
, 999 A46c
, A49A = LA.A49
, LA.A50
, LA.A58
, L.L11

```

```

, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L.L35
, LA.A_INYR_EXPECTED_GLH
, p_expendyr = CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
    END
, P_StartYr = CASE
    WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
    WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
    ELSE 0
    END
, P_ActEndYr = CASE
    WHEN DatePart(m, LA.A31) >= 8 THEN DatePart(yy, LA.A31)
    WHEN DatePart(m, LA.A31) < 8 THEN DatePart(yy, LA.A31)-1
    ELSE 0
    END
, LAT.A_TODATE_QUALIFYING_SLN_PERIOD
, -1 L_FUND_ACTIVE
, L.L46
, ULN = L.L45
, Curr_Empl_Stat = -1
, LAT.A_Total_Payment_Y2D
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.A_TOTAL_INYR_EXPECTED_GLH
, 0 A_DAGLH
, SixWeek_Excl
, PriorLR
, A_TTGAIN = -1
, LA.A68
, -1 BSI
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, L.L_AGE
, LA.A44
, LA.A63
, LA.A_AGEST
, LA.A_AGESTB
, L_FundingSource = -1
INTO #1011_F05_Aims_Data_v1
FROM ILRExtract.dbo.ILR1011_LR05_LEARNER L
JOIN ILRExtract.dbo.ILR1011_LR05_AIMS LA ON LA.L01 = L.L01
AND LA.L03 = L.L03
JOIN ILRExtract.dbo.ILR1011_LR05_AIMS_DLF DLF ON DLF.L01 = LA.L01
AND DLF.L03 = LA.L03
AND DLF.A05 = LA.A05

JOIN ( SELECT *
FROM #Latest

```

```

WHERE Year_ID = 2010) LAT ON LAT.L01_Orig = LA.L01
AND LAT.L03_Orig = LA.L03
AND LAT.A05 = LA.A05

```

--1112 FE Data.

```

SELECT  A.UKPRN
        , A.LEARNREFNUMBER
        , E.A05
        , MIN(BSI_Code) BSI
INTO #EMP_STAT_BSI_1112
FROM ILRExtract.dbo.SILR1112_LEARNER_EMP_STAT_SN14 A
--Identify last know change before leave date
JOIN ( SELECT  E.UKPRN
        , E.LEARNREFNUMBER
        , P.A05
        , MAX(E.DATEEMPSTATAPP) DATEEMPSTATAPP
FROM ILRExtract.dbo.SILR1112_LEARNER_EMP_STAT_SN14 E
--Identify records to check Employment Status against
JOIN ( SELECT  L01, L03, A05, L46, A31
        FROM ILRExtract.dbo.SILR1112_AIMS
        WHERE  A68 IN(1,2)
        AND 1 NOT IN(A35, A34)
        AND A28 >= '1-Aug-2012') P ON E.UKPRN = P.L46
        AND E.LEARNREFNUMBER = P.L03
        AND P.A31 >= E.DATEEMPSTATAPP
GROUP BY E.LEARNREFNUMBER
        , E.UKPRN
        , P.A05) E ON A.UKPRN = E.UKPRN
        AND A.LEARNREFNUMBER = E.LEARNREFNUMBER
        AND A.DATEEMPSTATAPP = E.DATEEMPSTATAPP

WHERE A.BSI_Code IN(1,2,4)
GROUP BY A.UKPRN, A.LEARNREFNUMBER, E.A05

```

--Get all record details from the relevant year based on the
--unmatched records

```

SELECT  2011 Year_ID
        , LAT.L01
        , LAT.L01_Orig
        , LAT.L03
        , LAT.L03_Orig
        , LA.A04
        , LA.A05
        , LA.A09
        , LA.A10
        , A14 = -1
        , LA.A15
        , LA.A18
        , CAST(LA.A22 AS VARCHAR) AS A22
        , LA.A23
        , LA.A26
        , LA.A27
        , LA.A28
        , LA.A31
        , LA.A32
        , LA.A34
        , LA.A35
        , LA.A36
        , LA.A46a

```

```

, LA.A46b
, 999 A46c
, LA.A49A
, LA.A50
, LA.A58
, L.L11
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L.L35
, LA.A_INYR_EXPECTED_GLH
, p_expendyr = CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
    END
, P_StartYr = CASE
    WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
    WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
    ELSE 0
    END
, P_ActEndYr = CASE
    WHEN DatePart(m, LA.A31) >= 8 THEN DatePart(yy, LA.A31)
    WHEN DatePart(m, LA.A31) < 8 THEN DatePart(yy, LA.A31)-1
    ELSE 0
    END
, LAT.A_TODATE_QUALIFYING_SLN_PERIOD
, -1 L_FUND_ACTIVE
, L.L46
, ULN = L.L45
, Curr_Empl_Stat = -1
, LAT.A_Total_Payment_Y2D
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.A_TOTAL_INYR_EXPECTED_GLH
, LA.A_DAGLH
, SixWeek_Excl
, PriorLR
, A_TTGAIN = -1
, LA.A68
, BSI = ISNULL(BSI.BSI, -1)
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, L.L_AGE
, A44 = CAST(LA.A44 AS varchar)
, LA.A63
, LA.A_AGEST
, LA.A_AGESTB
, L.L_FUNDINGSOURCE
INTO #1112_F05_Aims_Data_v1
FROM ILRExtract.dbo.SILR1112_LEARNER_SN14 L
JOIN ILRExtract.dbo.SILR1112_AIMS_SN14 LA ON LA.L01 = L.L01
AND LA.L03 = L.L03

```

```

LEFT JOIN ILRExtract.dbo.SILR1112_FUNDING_AIMS_SN14 DLF      ON DLF.L01 = LA.L01
                    AND DLF.L03 = LA.L03
                    AND DLF.A05 = LA.A05

JOIN (SELECT *
      FROM #Latest
      WHERE Year_ID = 2011) LAT ON LAT.L01_Orig = LA.L01
                    AND LAT.L03_Orig = LA.L03
                    AND LAT.A05 = LA.A05

LEFT JOIN #EMP_STAT_BSI_1112 BSI ON BSI.UKPRN = LA.L46
                    AND BSI.LEARNREFNUMBER = LA.L03
                    AND BSI.A05 = LA.A05

--1213 FE Data.
SELECT  A.UKPRN
        , A.LEARNREFNUMBER
        , E.A05
        , MIN(BSI) BSI
INTO #EMP_STAT_BSI_1213
FROM ILRExtract.dbo.SILR1213_LEARNER_EMP_STAT_SN14 A
--Identify last know change before leave date
JOIN ( SELECT  E.UKPRN
        , E.LEARNREFNUMBER
        , P.A05
        , MAX(E.DATEEMPSTATAPP) DATEEMPSTATAPP
      FROM ILRExtract.dbo.SILR1213_LEARNER_EMP_STAT_SN14 E
      --Identify records to check Employment Status against
      JOIN ( SELECT  L01, L03, A05, L46, A31
            FROM ILRExtract.dbo.SILR1213_AIMS_SN14
            WHERE A68 IN(1,2)
                  AND A35 NOT IN(1,7)
                  AND A34 <> 1
                  AND A28 >= '1-Aug-2012'
            ) P ON  E.UKPRN = P.L46
            AND E.LEARNREFNUMBER = P.L03
            AND P.A31 >= E.DATEEMPSTATAPP
        GROUP BY E.LEARNREFNUMBER
        , E.UKPRN
        , P.A05) E ON  A.UKPRN = E.UKPRN
                    AND A.LEARNREFNUMBER = E.LEARNREFNUMBER
                    AND A.DATEEMPSTATAPP = E.DATEEMPSTATAPP

WHERE A.BSI IN(1,2,4)
GROUP BY A.UKPRN, A.LEARNREFNUMBER, E.A05

--Get all record details from the relevant year based on the
--unmatched records
SELECT  2012 Year_ID
        , LAT.L01
        , LAT.L01_Orig
        , LAT.L03
        , LAT.L03_Orig
        , LA.A04
        , LA.A05
        , LA.A09
        , LA.A10
        , A14 = -1
        , LA.A15
        , LA.A18
        , CAST(LA.A22 AS VARCHAR) AS A22

```



```

, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A32
, LA.A34
, LA.A35
, LA.A36
, LA.A46a
, LA.A46b
, LA.A46c
, LA.A49A
, LA.A50
, LA.A58
, L.L11
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L.L35
, LA.A_INYR_EXPECTED_GLH
, p_expendyr = CASE
    WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
    WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
    ELSE 0
    END
, P_StartYr = CASE
    WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
    WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
    ELSE 0
    END
, P_ActEndYr = CASE
    WHEN DatePart(m, LA.A31) >= 8 THEN DatePart(yy, LA.A31)
    WHEN DatePart(m, LA.A31) < 8 THEN DatePart(yy, LA.A31)-1
    ELSE 0
    END
, LAT.A_TODATE_QUALIFYING_SLN_PERIOD
, -1 L_FUND_ACTIVE
, L.L46
, ULN = L.L45
, Curr_Empl_Stat = -1
, LAT.A_Total_Payment_Y2D
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.A_TOTAL_INYR_EXPECTED_GLH
, LA.A_DAGLH
, SixWeek_Excl
, PriorLR
, A_TTGAIN = -1
, LA.A68
, BSI = ISNULL(BSI.BSI, -1)
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl

```

```

, L.L_AGE
, A44 = CAST(LA.A44 AS varchar)
, LA.A63
, LA.A_AGEST
, LA.A_AGESTB
, L.L_FUNDINGSOURCE
INTO #1213_F05_Aims_Data_v1
FROM ILRExtract.dbo.SILR1213_LEARNER_SN14 L
JOIN ILRExtract.dbo.SILR1213_AIMS_SN14 LA ON LA.L01 = L.L01
AND LA.L03 = L.L03
LEFT JOIN ILRExtract.dbo.SILR1213_FUNDING_AIMS_SN14 DLF ON DLF.L01 = LA.L01
AND DLF.L03 = LA.L03
AND DLF.A05 = LA.A05
JOIN ( SELECT *
FROM #Latest
WHERE Year_ID = 2012) LAT ON LAT.L01_Orig = LA.L01
AND LAT.L03_Orig = LA.L03
AND LAT.A05 = LA.A05
LEFT JOIN #EMP_STAT_BSI_1213 BSI ON BSI.UKPRN = LA.L46
AND BSI.LEARNREFNUMBER = LA.L03
AND BSI.A05 = LA.A05

```

--Amalgamate all record from across years

```

SELECT L01
, L01_Orig
, L03
, L03_Orig
, A09
, A04
, A05
, A10
, A14
, A15
, A18
, A22
, A23
, A26
, A27
, A28
, A31
, A32
, A34
, A35
, A36
, A46a
, A46b
, A46c
, A49A
, A50 = ISNULL(A50, -1)
, A58
, L11
, L12
, L13
, L14
, L15
, L16
, L17
, L35

```

```

, L46
, ULN
, Curr_Empl_Stat
, L_FUND_ACTIVE
, A_TODATE_QUALIFYING_SLN_PERIOD
, A_TO_DATE_SLN_PAYMENT
, A_INYR_EXPECTED_GLH
, Year_ID
, p_ExpEndYr
, P_StartYr
, P_ActEndYr
--Calculate planned days
, [Days] = DateDiff(d, LA.A27, DateAdd(d, 1, LA.A28))
--Calculate Planned course length (yrs)
, NoOfYears =
CASE
WHEN DateDiff(d,LA.A27,LA.A28)+1 < 24*7 THEN 'Short'
WHEN DateDiff(d,LA.A27,LA.A28)+1 <= DateDiff(d,LA.A27,DateAdd(yy,1,LA.A27))
THEN '1 Yr'
WHEN DateDiff(d,LA.A27,LA.A28)+1 <= DateDiff(d,LA.A27,DateAdd(yy,2,LA.A27))
THEN '2 Yr'
WHEN DateDiff(d,LA.A27,LA.A28)+1 <= DateDiff(d,LA.A27,DateAdd(yy,3,LA.A27))
THEN '3 Yr'
ELSE '4 Yr+'
END
, AcademicYrs =
CASE
WHEN DateDiff(d,LA.A27,LA.A28)+1 < 24*7 THEN 1
WHEN (LA.p_expendyr-LA.p_startyr) + 1 > 4 THEN 4
ELSE (LA.p_expendyr-LA.p_startyr) + 1
END
--Calculate Age as at 31st aug
, A_AGE_31AugStYr = DateDiff(YY, LA.L11, CAST('31-Aug-' + CAST(p_startyr as
varchar) as DateTime))
- CASE
WHEN DatePart(MM, CAST('31-Aug-' + CAST(p_startyr as varchar) as DateTime)) <
DatePart(MM, L11) THEN 1
WHEN DatePart(MM, CAST('31-Aug-' + CAST(p_startyr as varchar) as DateTime)) =
DatePart(MM, L11)
AND DatePart(DD, CAST('31-Aug-' + CAST(p_startyr as varchar) as DateTime))
< DatePart(DD, L11) THEN 1
ELSE 0
END
--Transfers
, P_Trans = CASE WHEN LA.A35 IN(1,7) THEN 0
WHEN LA.A34 = 4 THEN 1
WHEN LA.A50 = 7 THEN 1
--due to G. Strat
WHEN LA.A50 = 41 THEN 1
--OLASS in Custody terminated beyond the providers control
WHEN 34 IN(LA.A46a, LA.A46b, LA.A46c) AND LA.A50 = 28 THEN 1
ELSE 0
END
--Completers
, P_Complete = CASE WHEN LA.A34 = 2 THEN 1 ELSE 0 END
--Achievers
, P_Achieved = CASE WHEN LA.A35 IN(1,7) THEN 1 ELSE 0 END
--Leavers

```

```

, P_Leavers                = CASE WHEN LA.A31 IS NULL THEN 0 ELSE 1 END
--Identify OLASS
, A_OLASS                  = CASE WHEN 34 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1 ELSE 0 END
, A_TOTAL_PAYMENT
, A_TOTAL_PAYMENT_Y2D
, A_TOTAL_INYR_EXPECTED_GLH
--Identify Funded records
, FUNDED = CASE
    WHEN P_ExpEndYr <= @ReportingYear --2012
        AND A_TO_DATE_SLN_PAYMENT=1 THEN 1 ELSE 0
    END
, A_DAGLH
, SixWeek_Excl
, PriorLR
, A_TTGAIN
, A68
, BSI_Emp_Status_Monitor_Code = BSI
, In_LR
, EFA_Funded
, EFA_Funded_Latest
, MCL_Excl
, L_AGE
, A44 = CAST(A44 AS varchar)
, A63
, A_AGEST
, A_AGESTB
, L_FUNDINGSOURCE
INTO #0809_1213_FE_Data_v1
FROM (
SELECT * FROM #0809_F05_Aims_Data_v1
UNION ALL
SELECT * FROM #0910_F05_Aims_Data_v1
UNION ALL
SELECT * FROM #1011_F05_Aims_Data_v1
UNION ALL
SELECT * FROM #1112_F05_Aims_Data_v1
UNION ALL
SELECT * FROM #1213_F05_Aims_Data_v1
) LA

CREATE CLUSTERED INDEX IDX_0809_1213_FE_Data_v1 ON #0809_1213_FE_Data_v1 (L01, A09)

EXEC MI_Warehouse_Staging.System.usp_DropTable @TableName = N'dbo.CL_0809_1213_CL_Final'

SELECT *
, AimLevel_Excl                = CASE WHEN LAD.[QSR_Status] = 'QSR Exclusions' THEN
1 ELSE 0 END
, NVTP_Excl                    = CASE WHEN LA.A10 = 22
AND 102 IN(LA.A46a)
AND 999 IN(LA.A46b)
AND LA.A14 = 15
AND LA.Curr_Empl_Stat = 2 THEN 1
ELSE 0
END
, UFI_Excl                    = CASE WHEN 1 IN(LA.A46a, LA.A46b, LA.A46c)
AND p_ExpEndYr < 2010 THEN 1 ELSE 0

```

```

                                END
, ETP_Excl                      = CASE WHEN 17 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1 ELSE
0 END
, AdultLearnerAccounts_Excl    = CASE WHEN 88 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1
                                WHEN 89 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1
                                WHEN 82 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1
                                ELSE 0
                                END
, Flexibilities_Excl           = CASE WHEN 108 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1
                                WHEN 109 IN(LA.A46a, LA.A46b, LA.A46c) THEN 1
                                ELSE 0
                                END
, E2E_Excl                     = CASE WHEN LA.A15 = 9 THEN 1 ELSE 0 END
, Diploma_Excl                = CASE WHEN LA.A04 != 30 THEN 1 ELSE 0 END
, FirstSteps_Excl              = CASE WHEN LA.A10 = 80 AND LA.A58 = 5 THEN 1 ELSE 0 END
, JIP_Excl                     = CASE WHEN 'SP045' IN(LA.A49a) THEN 1 ELSE 0 END
, LLDD_Placement_Excl          = CASE WHEN 'SP044' IN(LA.A49a) THEN 1 ELSE 0 END
, WPL_Excl                     = CASE WHEN LA.A10 IN(45,46)
                                AND 125 NOT IN(LA.A46a, LA.A46b, LA.A46c)
                                AND 83 NOT IN(LA.A46a, LA.A46b, LA.A46c)
                                AND p_expendyr >= 2011 THEN 1 ELSE 0 END

--Only include LR=CBL=E&T
, OtherSILR_Excl               = CASE WHEN LA.A10 IN (21, 22) THEN 0
                                WHEN LA.A10 = 45 AND 125 IN(LA.A46a, LA.A46b, LA.A46c)
                                THEN 0
                                WHEN LA.PriorLR > 0 THEN 0
                                WHEN LA.Year_ID < 2011 THEN 0
                                ELSE 1
                                END
, JSA_ESA_Excl                 = CASE WHEN BSI_Emp_Status_Monitor_Code = -1 THEN 0 ELSE 1
END
, OLASS_Excl                   = CASE WHEN A_OLASS = 1 AND p_expendyr < 2012 THEN 1 ELSE
0 END
INTO MI_Warehouse_Staging.dbo.CL_0809_1213_CL_Final
FROM #0809_1213_FE_Data_v1 LA
LEFT JOIN MI_Warehouse_Staging.Temp.LAD_HIER LAD ON LAD.Learning_AIM_Ref = LA.A09

EXEC MI_Warehouse_Staging.system.usp_DropTable 'dbo.SR1213_CL_SN14'

--Produce QSR Dataset;
SELECT
--Calculate Duration
LA.A_AGE_31AugStYr
--Identify Age Banding
, A_AGE_31AugStYr_Band =
CASE
WHEN A_AGE_31AugStYr Between 0 AND 18 THEN 1 --'16-18'
ELSE 2 --'19+'
END
, A_Duration =
CASE
WHEN NoOfYears = 'Short' THEN 1 --'Short'
WHEN NoOfYears = '1 Yr' AND AcademicYrs = 1 THEN 2 --'1 Yr 1 AY'
WHEN NoOfYears = '1 Yr' AND AcademicYrs = 2 THEN 3 --'1 Yr 2 AY'
WHEN NoOfYears = '2 Yr' AND AcademicYrs = 2 THEN 4 --'2 Yr 2 AY'
WHEN NoOfYears = '2 Yr' AND AcademicYrs = 3 THEN 5 --'2 Yr 3 AY'

```

```

        WHEN NoOfYears = '3 Yr' AND AcademicYrs = 3 THEN 6    --'3 Yr 3 AY'
        WHEN NoOfYears = '3 Yr' AND AcademicYrs = 4 THEN 7    --'3 Yr 4 AY'
        ELSE 8          --'4year or more 4ay or more'
    END

, A_FullLevel2 =
    CASE
        WHEN LAD.[LEVEL3_ENTITLEMENT_CAT_CODE] IN('1', '2', '3') AND
LAD.[LEVEL3_PERCENTAGE] >= 100 THEN 0
        WHEN LAD.[LEVEL2_ENTITLEMENT_CAT_CODE] IN('1', '4') AND
LAD.[LEVEL2_PERCENTAGE] >= 100 THEN 1
        ELSE 0
    END
--Calculate FullLevel 3 aims
, A_FullLevel3 =
    CASE
        WHEN LAD.[LEVEL3_ENTITLEMENT_CAT_CODE] IN('1', '2', '3') AND
LAD.[LEVEL3_PERCENTAGE] >= 100 THEN 1
        ELSE 0
    END
, LAD.A_FUNCTIONAL_SKILLS
, LA.A_INYR_EXPECTED_GLH
, LAD.A_KEYSKILLS
, LA.A_OLASS
, LAD.A_QCF_Unit
, LA.A_TO_DATE_SLN_PAYMENT
, LA.A_TODATE_QUALIFYING_SLN_PERIOD
, A_TOTAL_INYR_EXPECTED_GLH = CASE WHEN Funded = 1 THEN
LA.A_TOTAL_INYR_EXPECTED_GLH ELSE 0 END
, A_TOTAL_PAYMENT
, LA.A_TOTAL_PAYMENT_Y2D
, LA.A05
, LA.A09
, LA.A10
, LA.A14
, LA.A18
, LA.A23
, LA.A27
, LA.A28
, LA.A31
, LA.A32
, LA.A34
, LA.A35
, LA.A36
, LA.A46a
, LA.A46b
, LA.A46c
, LA.A49A
, LA.A50
, LA.A68
, LAD.ACADEMIC_YEAR_CODE
, LAD.Add_Unit_Excl
, AdultLearnerAccounts_Excl
--, AimLevel_Excl
--, LAD.AimLevel_Excl_Count
, Awarding_Body_Code = LAD.AWARDING_ORGANISATION_CODE
, LA.BSI_Emp_Status_Monitor_Code
, COLLECTION = 'SN14'

```

```

, LA.Curr_Empl_Stat
, LAD.Diagnostic_Excl
, Diploma_Excl
, E2E_Excl
, EFA_Funded
, EFA_Funded_Latest
, ETP_Excl
, FirstSteps_Excl
, Flexibilities_Excl
, LAD.FoundationLearningWeekly_Excl
, In_LR_0809 = CASE WHEN In_LR & 1 = 0 THEN 0 ELSE 1 END
, In_LR_0910 = CASE WHEN In_LR & 2 = 0 THEN 0 ELSE 1 END
, In_LR_1011 = CASE WHEN In_LR & 4 = 0 THEN 0 ELSE 1 END
, In_LR_1112 = CASE WHEN In_LR & 8 = 0 THEN 0 ELSE 1 END
, In_LR_1213 = CASE WHEN In_LR & 16 = 0 THEN 0 ELSE 1 END
, LAD.Innovation_Excl
, JIP_Excl
, JSA_ESA_Excl
, LA.L01
, LA.L01_Orig  --Original L1 as recorded in the final F5 return
, LA.L03
, LA.L03_Orig  --Original L3 as recorded in the final F5 return
, LA.L11
, LA.L12
, LA.L13
, LA.L14
, LA.L15
, LA.L16
, LA.L17
, LA.L35
, P.L46
, LA.L46 L46_Orig
, Learning_Aim_Desc = LAD.LEARNING_AIM_REF_TITLE
, LAD.LEARNING_AIM_TYPE_CODE
, LAD.LEVEL2_ENTITLEMENT_CAT_CODE
, LAD.LEVEL2_PERCENTAGE
, LAD.LEVEL3_ENTITLEMENT_CAT_CODE
, LAD.LEVEL3_PERCENTAGE
, LLDD_Placement_Excl
, LAD.MAP_CODE_CODE
, LAD.MAP_CODE_DESC
, LAD.NOTIONAL_NVQ_LEVEL_CODE
, NVTP_Excl
, OLASS_Excl
, OtherSILR_Excl
, LA.P_Achieved
--Calculate P_ACHIEVED_FUNDED
, P_ACHIEVED_FUNDED = CASE WHEN Funded = 1
                        AND ISNULL(A_AGE_31AugStYr, 99) NOT Between 0 AND 15
                        AND P_Achieved = 1
                        AND P_Trans = 0 THEN 1 ELSE 0
                        END
, LA.P_ActEndYr
, LA.P_Complete
--Calculate P_COMPLETE_FUNDED
, P_COMPLETE_FUNDED = CASE WHEN Funded = 1
                        AND ISNULL(A_AGE_31AugStYr, 99) NOT Between 0 AND 15
                        AND P_Complete = 1

```

```

        AND P_Trans = 0 THEN 1
        ELSE 0
    END
END
--Calculate P_COUNT_FUNDED
, P_COUNT_FUNDED = CASE WHEN Funded = 1
AND ISNULL(A_AGE_31AugStYr, 99) NOT Between 0 AND 15
AND P_Trans = 0 THEN 1 ELSE 0
END
, LA.p_ExpEndYr
, LA.P_Leavers
, LA.P_StartYr
, LA.P_Trans
, P.Provider_GOR
, P.Provider_LocalAuthority
, P.Prv_Name
, P.PRIV_TYPE
, LAD.QCF_Size
, QSR_Status =
    CASE
        --Excluded on the basis of LAD only fields
    WHEN
AimLevel_Excl+NVTP_Excl+UFI_Excl+ETP_Excl+AdultLearnerAccounts_Excl
+Flexibilities_Excl+E2E_Excl+Diploma_Excl+FirstSteps_Excl+JIP_Excl
+LLDD_Placement_Excl+WPL_Excl+OtherSILR_Excl+OLASS_Excl+JSA_ESA_Excl+SixWeek_Excl > 0
THEN 'QSR Exclusions'
    ELSE 'QSR Inclusions'
    END
, QSR_Status_Excl_Count =
LAD.AimLevel_Excl_Count+NVTP_Excl+UFI_Excl+ETP_Excl+AdultLearnerAccounts_Excl
+Flexibilities_Excl+E2E_Excl+Diploma_Excl+FirstSteps_Excl+JIP_Excl
+LLDD_Placement_Excl+WPL_Excl+OtherSILR_Excl+OLASS_Excl+JSA_ESA_Excl+SixWeek_Excl
, LAD.QualificationType
--Calculate short Duration
, shortdur =
    CASE
        WHEN Days <= 34 THEN 0 --'Very Short'
        WHEN Days < 24*7 THEN 1 --'Short'
        ELSE 2 --'Long'
    END
, SixWeek_Excl
, LAD.SKILLS_FOR_LIFE
, LAD.SKILLS_FOR_LIFE_TYPE_CODE
, Source_Year =
    CASE Year_ID
        WHEN 2008 THEN '2008/09'
        WHEN 2009 THEN '2009/10'
        WHEN 2010 THEN '2010/11'
        WHEN 2011 THEN '2011/12'
        WHEN 2012 THEN '2012/13'
        ELSE 'Err'
    END
, LAD.SSA_TIER1_CODE

```



```

, LAD.SSA_TIER2_CODE
, Subcontractor_Name = S.Provider_Name
, Subcontractor_UKPRN = LA.A22
, Transaction_ID = ROW_NUMBER() OVER(ORDER BY LA.L01)
, LAD.Tutorial_Excl
, UFI_Excl
, LA.ULN
, LAD.Unitisation_Excl
, WPL_Excl
, [Year] = CAST(@ReportingYear as varchar) + '/' + CAST(right(@NextYear,2) AS
varchar)
, Version = 1.01
INTO MI_Warehouse_Staging.dbo.SR1213_CL_SN14
FROM MI_Warehouse_Staging.dbo.CL_0809_1213_CL_Final LA
LEFT JOIN MI_Warehouse_Staging.Temp.LAD_HIER LAD ON LAD.Learning_AIM_Ref = LA.A09
LEFT JOIN MI_Warehouse_Staging.Temp.Provider P ON P.L01 = LA.L01
LEFT JOIN MI_Warehouse.PROVIDER.Provider_UKPRN S ON CAST(S.UKPRN AS VARCHAR) =
LA.A22
AND @ReportingYear BETWEEN S.CREATED AND
S.EXPIRED
WHERE LA.P_ExpEndYr BETWEEN @ReportingYear-2 AND @ReportingYear

GO
-----
--CL Matching Process;
--matches records across years, to identify the latest record
CREATE Procedure [QSR].[usp_LR_QSR_MatchProcess] (@Year_ID int, @MaxYear_ID int,
@ConstrainMatch int)
AS
DECLARE @NextYear_ID int
DECLARE @RowCheck INT

UPDATE A
SET Matched = 0 ,
MatchYear = 0 ,
MatchedRank = 0
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE Year_ID >= @Year_ID
AND Matched != 0

SELECT @NextYear_ID = @Year_ID + 1

WHILE @NextYear_ID <= @MaxYear_ID
BEGIN

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

SELECT A.Year_ID Year1 ,
A.Rank Rank1 ,
B.Year_ID Year2 ,
B.Rank Rank2
INTO #Match
FROM ( SELECT Year_ID ,
L01_New ,

```

```

        L03_New ,
        A09 ,
        A27 ,
        A28 ,
        A31 ,
        MAX(Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE A.Year_ID IN ( @Year_ID )
      AND MatchYear < @NextYear_ID
GROUP BY Year_ID ,
         L01_New ,
         L03_New ,
         A09 ,
         A27 ,
         A28 ,
         A31
) A
JOIN ( SELECT A.Year_ID ,
            A.L01_New ,
            A.L03_New ,
            A.A09 ,
            A.A27 ,
            A.A28 ,
            A.A31 ,
            MAX(A.Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
      JOIN ( SELECT DISTINCT
            L01_New ,
            L03_New ,
            A09 ,
            A27 ,
            A28 ,
            A31
            FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
          WHERE A.Year_ID IN (
                @Year_ID )
                AND MatchYear < @NextYear_ID
          ) B ON A.L01_New = B.L01_New
            AND A.L03_New = B.L03_New
            AND A.A09 = B.A09
            AND A.A27 = B.A27
            AND A.A28 = B.A28
            AND A.A31 = B.A31
WHERE A.Year_ID IN ( @NextYear_ID )
      AND A.Matched = 0
GROUP BY A.Year_ID ,
         A.L01_New ,
         A.L03_New ,
         A.A09 ,
         A.A27 ,
         A.A28 ,
         A.A31
) B ON A.L01_New = B.L01_New
      AND A.L03_New = B.L03_New
      AND A.A09 = B.A09
      AND A.A27 = B.A27
      AND A.A28 = B.A28

```

```

AND A.A31 = B.A31

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
MatchYear = B.Year2 ,
MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN #Match B ON A.Year_ID = B.Year1
AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,
MatchYear = @Year_ID ,
MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN #Match B ON A.Year_ID = B.Year2
AND A.Rank = B.Rank2

DROP TABLE #Match

END

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

SELECT A.Year_ID Year1 ,
A.Rank Rank1 ,
B.Year_ID Year2 ,
B.Rank Rank2
INTO #Match2
FROM ( SELECT Year_ID ,
L01_New ,
L03_New ,
A09 ,
A27 ,
A28 ,
MAX(Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE A.Year_ID IN ( @Year_ID )
AND MatchYear < @NextYear_ID
GROUP BY Year_ID ,
L01_New ,
L03_New ,
A09 ,
A27 ,
A28
) A
JOIN ( SELECT A.Year_ID ,
A.L01_New ,
A.L03_New ,
A.A09 ,
A.A27 ,

```

```

        A.A28 ,
        MAX(A.Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
      JOIN ( SELECT DISTINCT
              L01_New ,
              L03_New ,
              A09 ,
              A27 ,
              A28
            FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
          WHERE A.Year_ID IN (
                  @Year_ID )
                AND MatchYear < @NextYear_ID
            ) B ON A.L01_New = B.L01_New
              AND A.L03_New = B.L03_New
              AND A.A09 = B.A09
              AND A.A27 = B.A27
              AND A.A28 = B.A28
WHERE A.Year_ID IN ( @NextYear_ID )
      AND A.Matched = 0
GROUP BY A.Year_ID ,
         A.L01_New ,
         A.L03_New ,
         A.A09 ,
         A.A27 ,
         A.A28
) B ON A.L01_New = B.L01_New
      AND A.L03_New = B.L03_New
      AND A.A09 = B.A09
      AND A.A27 = B.A27
      AND A.A28 = B.A28

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
    MatchYear = B.Year2 ,
    MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
      JOIN #Match2 B ON A.Year_ID = B.Year1
                    AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,
    MatchYear = @Year_ID ,
    MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
      JOIN #Match2 B ON A.Year_ID = B.Year2
                    AND A.Rank = B.Rank2

DROP TABLE #Match2

END

```

```

SELECT @RowCheck = 1

WHILE @RowCheck != 0
    BEGIN

        SELECT A.Year_ID Year1 ,
               A.Rank Rank1 ,
               B.Year_ID Year2 ,
               B.Rank Rank2
        INTO #Match3
        FROM ( SELECT Year_ID ,
                      L01_New ,
                      L03_New ,
                      A09 ,
                      A27 ,
                      P_ExpEndYr ,
                      A31 ,
                      MAX(Rank) Rank
                FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
                WHERE A.Year_ID IN ( @Year_ID )
                      AND MatchYear < @NextYear_ID
                GROUP BY Year_ID ,
                        L01_New ,
                        L03_New ,
                        A09 ,
                        A27 ,
                        P_ExpEndYr ,
                        A31
              ) A
        JOIN ( SELECT A.Year_ID ,
                     A.L01_New ,
                     A.L03_New ,
                     A.A09 ,
                     A.A27 ,
                     A.P_ExpEndYr ,
                     A.A31 ,
                     MAX(A.Rank) Rank
                FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
                JOIN ( SELECT DISTINCT
                        L01_New ,
                        L03_New ,
                        A09 ,
                        A27 ,
                        P_ExpEndYr ,
                        A.A31
                      FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
                      WHERE
                        A.Year_ID IN (
@Year_ID )
                        AND MatchYear < @NextYear_ID
                      ) B ON A.L01_New = B.L01_New
                        AND A.L03_New = B.L03_New
                        AND A.A09 = B.A09
                        AND A.A27 = B.A27
                        AND A.P_ExpEndYr = B.P_ExpEndYr
                        AND A.A31 = B.A31
                WHERE A.Year_ID IN ( @NextYear_ID )
    
```

```

        AND A.Matched = 0
    GROUP BY A.Year_ID ,
             A.L01_New ,
             A.L03_New ,
             A.A09 ,
             A.A27 ,
             A.P_ExpEndYr ,
             A.A31
) B ON A.L01_New = B.L01_New
    AND A.L03_New = B.L03_New
    AND A.A09 = B.A09
    AND A.A27 = B.A27
    AND A.P_ExpEndYr = B.P_ExpEndYr
    AND A.A31 = B.A31
SELECT @RowCheck = @@RowCount

UPDATE A
SET     Matched = 1 ,
        MatchYear = B.Year2 ,
        MatchedRank = B.Rank2
FROM    MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
        JOIN #Match3 B ON A.Year_ID = B.Year1
        AND A.Rank = B.Rank1

UPDATE A
SET     Matched = 1 ,
        MatchYear = @Year_ID ,
        MatchedRank = B.Rank1
FROM    MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
        JOIN #Match3 B ON A.Year_ID = B.Year2
        AND A.Rank = B.Rank2

DROP TABLE #Match3

END

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

    SELECT A.Year_ID Year1 ,
           A.Rank Rank1 ,
           B.Year_ID Year2 ,
           B.Rank Rank2
    INTO   #Match4
    FROM   ( SELECT Year_ID ,
                    L01_New ,
                    L03_New ,
                    A09 ,
                    A27 ,
                    P_ExpEndYr ,
                    MAX(Rank) Rank
            FROM   MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
            WHERE  A.Year_ID IN ( @Year_ID )
            AND   MatchYear < @NextYear_ID

```

```

        GROUP BY Year_ID ,
                L01_New ,
                L03_New ,
                A09 ,
                A27 ,
                P_ExpEndYr
    ) A
JOIN ( SELECT A.Year_ID ,
            A.L01_New ,
            A.L03_New ,
            A.A09 ,
            A.A27 ,
            A.P_ExpEndYr ,
            MAX(A.Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
      JOIN ( SELECT DISTINCT
                L01_New ,
                L03_New ,
                A09 ,
                A27 ,
                P_ExpEndYr
            FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
            WHERE A.Year_ID IN (
                @Year_ID )
                AND MatchYear < @NextYear_ID
            ) B ON A.L01_New = B.L01_New
                AND A.L03_New = B.L03_New
                AND A.A09 = B.A09
                AND A.A27 = B.A27
                AND A.P_ExpEndYr = B.P_ExpEndYr
WHERE A.Year_ID IN ( @NextYear_ID )
      AND A.Matched = 0
GROUP BY A.Year_ID ,
        A.L01_New ,
        A.L03_New ,
        A.A09 ,
        A.A27 ,
        A.P_ExpEndYr
    ) B ON A.L01_New = B.L01_New
        AND A.L03_New = B.L03_New
        AND A.A09 = B.A09
        AND A.A27 = B.A27
        AND A.P_ExpEndYr = B.P_ExpEndYr

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
    MatchYear = B.Year2 ,
    MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
      JOIN #Match4 B ON A.Year_ID = B.Year1
                    AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,

```

```

MatchYear = @Year_ID ,
MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN #Match4 B ON A.Year_ID = B.Year2
AND A.Rank = B.Rank2

DROP TABLE #Match4

END

IF @ConstrainMatch = 0
BEGIN
SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

SELECT A.Year_ID Year1 ,
A.Rank Rank1 ,
B.Year_ID Year2 ,
B.Rank Rank2

INTO #Match5
FROM ( SELECT Year_ID ,
L01_New ,
L03_New ,
A09 ,
P_StartYr ,
P_ExpEndYr ,
A31 ,
MAX(Rank) Rank

FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE A.Year_ID IN ( @Year_ID )
AND MatchYear < @NextYear_ID

GROUP BY Year_ID ,
L01_New ,
L03_New ,
A09 ,
P_StartYr ,
P_ExpEndYr ,
A31

) A
JOIN ( SELECT A.Year_ID ,
A.L01_New ,
A.L03_New ,
A.A09 ,
A.P_StartYr ,
A.P_ExpEndYr ,
A.A31 ,
MAX(A.Rank) Rank

FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN ( SELECT DISTINCT
L01_New ,
L03_New ,
A09 ,
P_StartYr ,
P_ExpEndYr ,

```



```

A.A31
FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE A.Year_ID IN (
    @Year_ID )
    AND MatchYear < @NextYear_ID
) B ON A.L01_New = B.L01_New
    AND A.L03_New = B.L03_New
    AND A.A09 = B.A09
    AND A.P_StartYr = B.P_StartYr
    AND A.P_ExpEndYr = B.P_ExpEndYr
    AND A.A31 = B.A31
WHERE A.Year_ID IN ( @NextYear_ID )
AND A.Matched = 0
GROUP BY A.Year_ID ,
    A.L01_New ,
    A.L03_New ,
    A.A09 ,
    A.P_StartYr ,
    A.P_ExpEndYr ,
    A.A31
) B ON A.L01_New = B.L01_New
    AND A.L03_New = B.L03_New
    AND A.A09 = B.A09
    AND A.P_StartYr = B.P_StartYr
    AND A.P_ExpEndYr = B.P_ExpEndYr
    AND A.A31 = B.A31
SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
    MatchYear = B.Year2 ,
    MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN #Match5 B ON A.Year_ID = B.Year1
    AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,
    MatchYear = @Year_ID ,
    MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN #Match5 B ON A.Year_ID = B.Year2
    AND A.Rank = B.Rank2

DROP TABLE #Match5

END

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN
    SELECT A.Year_ID Year1 ,
        A.Rank Rank1 ,

```

```

        B.Year_ID Year2 ,
        B.Rank Rank2
INTO #Match6
FROM ( SELECT
        Year_ID ,
        L01_New ,
        L03_New ,
        A09 ,
        P_StartYr ,
        P_ExpEndYr ,
        MAX(Rank) Rank
FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE
        A.Year_ID IN ( @Year_ID )
        AND MatchYear < @NextYear_ID
GROUP BY
        Year_ID ,
        L01_New ,
        L03_New ,
        A09 ,
        P_StartYr ,
        P_ExpEndYr
) A
JOIN ( SELECT
        A.Year_ID ,
        A.L01_New ,
        A.L03_New ,
        A.A09 ,
        A.P_StartYr ,
        A.P_ExpEndYr ,
        MAX(A.Rank) Rank
FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
JOIN ( SELECT DISTINCT
        L01_New ,
        L03_New ,
        A09 ,
        P_StartYr ,
        P_ExpEndYr
FROM
MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A
WHERE
        A.Year_ID IN (
                @Year_ID )
        AND MatchYear < @NextYear_ID
) B ON A.L01_New = B.L01_New
        AND A.L03_New = B.L03_New
        AND A.A09 = B.A09
        AND A.P_StartYr = B.P_StartYr
        AND A.P_ExpEndYr = B.P_ExpEndYr
WHERE
        A.Year_ID IN ( @NextYear_ID )
        AND A.Matched = 0
GROUP BY
        A.Year_ID ,
        A.L01_New ,
        A.L03_New ,
        A.A09 ,
        A.P_StartYr ,
        A.P_ExpEndYr
) B ON A.L01_New = B.L01_New
        AND A.L03_New = B.L03_New
        AND A.A09 = B.A09
        AND A.P_StartYr = B.P_StartYr

```

```
AND A.P_ExpEndYr = B.P_ExpEndYr
```

```
SELECT @RowCheck = @@RowCount
```

```
UPDATE A
```

```
SET Matched = 1 ,  
MatchYear = B.Year2 ,  
MatchedRank = B.Rank2
```

```
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A  
JOIN #Match6 B ON A.Year_ID = B.Year1  
AND A.Rank = B.Rank1
```

```
UPDATE A
```

```
SET Matched = 1 ,  
MatchYear = @Year_ID ,  
MatchedRank = B.Rank1
```

```
FROM MI_Warehouse_Staging.Temp.QSR_LR_Merged_0809_1213 A  
JOIN #Match6 B ON A.Year_ID = B.Year2  
AND A.Rank = B.Rank2
```

```
DROP TABLE #Match6
```

```
END
```

```
END
```

```
SELECT @NextYear_ID = @NextYear_ID + 1
```

```
END
```

```
RETURN(0)
```

```
GO
```

Workplace learning dataset production

--Create WPL QSR Dataset

```
CREATE PROCEDURE [dbo].[usp_Create_WPL_SR_Dataset]
AS
```

```
BEGIN
```

```
    DECLARE @ReportingYear INT
```

```
            ,@NextYear INT
```

```
    SET      @ReportingYear = 2012
```

```
    SET      @NextYear      = @ReportingYear + 1
```

-- Learning Aim details

```
    SELECT  LEARNING_AIM_REF ,
```

```
            A_SSA_T1 = LAD.SSA_TIER1_CODE ,
```

```
            A_SSA_T2 = LAD.SSA_TIER2_CODE ,
```

```
            A_SFLP = CASE
```

```
                WHEN ISNULL(LAD.SKILLS_FOR_LIFE_TYPE_CODE, 'X') IN ( 'X', 'U' ) THEN 0
```

```
                ELSE 1
```

```
            END ,
```

```
            A_Notion = LAD.NOTIONAL_NVQ_LEVEL_CODE ,
```

```
            BELOW_LEVEL2 = CASE
```

```
                WHEN LAD.NOTIONAL_NVQ_LEVEL_CODE IN ( 'E', '1' ) AND
```

```
ISNULL(LAD.SKILLS_FOR_LIFE_TYPE_CODE, 'X') IN ( 'X', 'U' )
```

```
                THEN 1
```

```
                ELSE 0
```

```
            END ,
```

```
            A_Fulllevel2 = CASE
```

```
                WHEN ISNULL(LAD.[LEVEL2_ENTITLEMENT_CAT_CODE], '0') IN ( '1',
```

```
'4' )AND ISNULL(LAD.[LEVEL2_PERCENTAGE], '0') >= 100 THEN 1
```

```
                ELSE 0
```

```
            END ,
```

```
            A_Fulllevel3 = CASE
```

```
                WHEN ISNULL(LAD.[LEVEL3_ENTITLEMENT_CAT_CODE], '0') IN ( '1', '2',
```

```
'3' )AND ISNULL(LAD.[LEVEL3_PERCENTAGE], '0') >= 100 THEN 1
```

```
                ELSE 0
```

```
            END ,
```

```
            LAD.QCF_Size ,
```

```
            A_L2CAT = ISNULL(LAD.[LEVEL2_ENTITLEMENT_CAT_CODE], 0) ,
```

```
            A_L2PCT = ISNULL(LAD.[LEVEL2_PERCENTAGE], 0) ,
```

```
            A_L3CAT = ISNULL(LAD.[LEVEL3_ENTITLEMENT_CAT_CODE], 0) ,
```

```
            A_L3PCT = ISNULL(LAD.[LEVEL3_PERCENTAGE], 0) ,
```

```
            LEARNING_AIM_TYPE = LAD.LEARNING_AIM_TYPE_Code ,
```

```
            A_l2wid = CASE
```

```
                WHEN ISNULL(LAD.[LEVEL2_ENTITLEMENT_CAT_CODE], '0') IN ( '1', '4' )
```

```
                THEN ISNULL(LAD.[LEVEL2_PERCENTAGE], '0')
```

```
                ELSE 0
```

```
            END ,
```

```
            A_l3wid = CASE
```

```
                WHEN ISNULL(LAD.[LEVEL3_ENTITLEMENT_CAT_CODE], '0') IN ( '1', '2', '3' )
```

```
                THEN ISNULL(LAD.[LEVEL3_PERCENTAGE], '0')
```

```
                ELSE 0
```

```
            END
```

```
    INTO    #LAD_HIER
```

```
    FROM    MI_Warehouse_Staging.Temp.LAD_HIER LAD
```

--WPL LEOP Data

Issued on 12 February 2014

SQL code to create the 2012-13 success rate datasets

NOT PROTECTIVELY MARKED

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```

IF OBJECT_ID('tempdb..#La') IS NOT NULL
    DROP TABLE #La

SELECT LA.* ,
       L01_Orig = L01 ,
       L03_Orig = L03 ,
       RANK() OVER ( PARTITION BY Year_ID
--Sequence using the following
                       ORDER BY Year_ID
                       , L01
                       , L03
                       , A09
                       , A27
                       , A28
--Ensure anything with an actual end date or is a transfer is seeded first
                       , CASE WHEN A34 = 4 THEN 2 WHEN A31 IS NOT NULL THEN 1 ELSE 0 END
DESC
                       , A05 ) [Rank]
--Create matching control fields
       ,
       CAST(0 AS INTEGER) Matched ,
       CAST(0 AS INTEGER) MatchYear ,
       CAST(0 AS INTEGER) MatchedRank
INTO #LA
FROM (
--11/12 LEOP Data
SELECT 2011 Year_ID ,
       DataSource = CAST('LEOP' AS VARCHAR(4)) ,
       LA.L01 ,
       LA.L03 ,
       LA.A05 ,
       LA.A09 ,
       LA.A27 ,
       LA.A28 ,
       LA.A31 ,
       LA.A34 ,
       LA.A35 ,
       ULN = L.L45 ,
       LA.A23 ,
       L.L11 ,
       L.L12 ,
       L.L13 ,
       L.L14 ,
       L.L17 ,
       L.L_AGE ,
       LA.A_AGEST
FROM ILRExtract.dbo.LEOP1112_AIMS_SN14 AS LA
JOIN ILRExtract.dbo.LEOP1112_LEARNER_SN14 AS L ON LA.L01 =
L.L01 AND LA.L03 = L.L03
WHERE LA.A09 NOT LIKE 'ZINN000[1-6]'
AND LA.A04 <> 35
AND LA.A15 NOT IN ( 2, 3, 10, 20, 21 )
UNION ALL
SELECT 2012 Year_ID ,
       DataSource = CAST('LEOP' AS VARCHAR(4)) ,
       LA.L01 ,
       LA.L03 ,
       LA.A05 ,

```

```

        LA.A09 ,
        LA.A27 ,
        LA.A28 ,
        LA.A31 ,
        LA.A34 ,
        LA.A35 ,
        ULN = L.L45 ,
        LA.A23 ,
        L.L11 ,
        L.L12 ,
        L.L13 ,
        L.L14 ,
        L.L17 ,
        L.L_AGE ,
        LA.A_AGEST
    FROM    ILRExtract.dbo.LEOP1213_AIMS_SN14 AS LA
    JOIN    ILRExtract.dbo.LEOP1213_LEARNER_SN14 AS L ON LA.L01 =
L.L01 AND LA.L03 = L.L03
    WHERE   LA.A09 NOT LIKE 'ZINN000[1-6]'
        AND LA.A04 <> 35
        AND LA.A15 NOT IN (2, 3, 10, 20, 21 )
    ) LA

ALTER TABLE #LA ADD P_ExpEndYr AS CASE
    WHEN DATEPART(m, a28) >= 8 THEN DATEPART(yy, a28)
    WHEN DATEPART(m, a28) < 8 THEN DATEPART(yy, a28)-1
    ELSE 0
    END

--Produce a temporary store
IF OBJECT_ID('MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213', 'U') IS NOT
NULL
    DROP TABLE MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213

SELECT *
INTO    MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213
FROM    #LA
WHERE   L01 != -1

--Call matching process for 2011 data, passing in start and end year
EXEC QSR.usp_WPL_QSR_MatchProcess 2011, @ReportingYear

--Call matching process for 2012 data, passing in start and end year
EXEC QSR.usp_WPL_QSR_MatchProcess 2012, @NextYear

--Generate a row count
SELECT 'Dummy row forced'

--Force Match Year and Match Rank in prior matches to record the last found match
--Iterate until no more updates occur
WHILE @@RowCount != 0
    BEGIN
        UPDATE A
        SET    MatchYear = B.MatchYear, A.MatchedRank = B.MatchedRank
        FROM    MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 AS A
        JOIN    MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213
        AS B ON B.Year_ID = A.MatchYear AND B.Rank = A.MatchedRank
        WHERE   A.MatchedRank != 0 AND B.MatchedRank != 0
    END

```

```

IF OBJECT_ID('tempdb..#Latest_LEOP') IS NOT NULL
    DROP TABLE #Latest_LEOP
--Identify all un-matched records and record
--values from the associated matched records and the unmatched record
SELECT  LA.Year_ID ,
        LA.DataSource ,
        LA.L01 ,
        LA.L03 ,
        LA.L01_Orig ,
        LA.L03_Orig ,
        LA.ULN ,
        LA.L11 ,
        LA.L12 ,
        LA.L13 ,
        LA.L14 ,
        L15 = -1 ,
        L16 = -1 ,
        LA.L17 ,
        LA.L_AGE ,
        LA.A05 ,
        LA.A09 ,
        A22 = 0 ,
        LA.A23 ,
        LA.A27 ,
        LA.A28 ,
        LA.A31 ,
        LA.A34 ,
        LA.A35 ,
        A44 = -1 ,
        A46A = 999 ,
        A46B = 999 ,
        A46C = 999 ,
        A50 = -1 ,
        A63 = 99 ,
        LA.A_AGEST ,
        A_AGESTB = CASE WHEN LA.A_AGEST BETWEEN 0 AND 15 THEN 1
                       WHEN LA.A_AGEST BETWEEN 16 AND 18 THEN 2
                       WHEN LA.A_AGEST BETWEEN 19 AND 20 THEN 3
                       WHEN LA.A_AGEST BETWEEN 21 AND 24 THEN 4
                       WHEN LA.A_AGEST BETWEEN 25 AND 59 THEN 5
                       WHEN LA.A_AGEST BETWEEN 60 AND 120 THEN 6
                       ELSE 9
                     END ,
        A_TOTAL_PAYMENT = 0 ,
        P_PROG_STATUS = CASE WHEN ISNULL(LA.A31, -1) = -1 THEN 0
                             WHEN LA.A31 IS NOT NULL AND LA.A35 = 1 THEN 1
                             WHEN LA.A34 = 6 THEN 11
                             ELSE 6
                           END ,
        B.[P_IN_1112] ,
        B.[P_IN_1213]
INTO    #Latest_LEOP
FROM    MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 AS LA
JOIN ( SELECT  CASE WHEN MatchYear = 0 THEN Year_ID ELSE MatchYear END
        Year_ID ,
        CASE WHEN MatchedRank = 0 THEN Rank ELSE MatchedRank END
        Rank ,

```

```

[P_IN_1112] ,
MAX(CASE WHEN Year_ID = 2011 THEN 1 ELSE 0 END)
[P_IN_1213]
MAX(CASE WHEN Year_ID = 2012 THEN 1 ELSE 0 END)
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
GROUP BY CASE WHEN MatchYear = 0 THEN Year_ID ELSE MatchYear END ,
CASE WHEN MatchedRank = 0 THEN Rank ELSE MatchedRank END
) B ON LA.Year_ID = B.Year_ID
AND LA.Rank = B.Rank

CREATE CLUSTERED INDEX IDX_Prim ON #Latest_LEOP(L01, L03, A09, A05, Year_ID)
CREATE INDEX IDX_Year ON #Latest_LEOP(Year_ID)

```

--SILR Aims

```

SELECT LA.Year_ID ,
DataSource = 'ILR' ,
LA.L01 ,
LA.L03 ,
LA.L01_Orig ,
LA.L03_Orig ,
LA.ULN ,
LA.L11 ,
LA.L12 ,
LA.L13 ,
LA.L14 ,
LA.L15 ,
LA.L16 ,
LA.L17 ,
LA.L_AGE ,
LA.A05 ,
LA.A09 ,
LA.A22 ,
LA.A23 ,
LA.A27 ,
LA.A28 ,
LA.A31 ,
LA.A34 ,
LA.A35 ,
LA.A44 ,
LA.A46A ,
LA.A46B ,
LA.A46C ,
LA.A50 ,
LA.A63 ,
LA.A_AGEST ,
LA.A_AGESTB ,
LA.A_TOTAL_PAYMENT ,
P_PROG_STATUS = CASE
WHEN ISNULL(LA.A31, -1) = -1 THEN 0 --Not left/Not Achieved
WHEN LA.A35 = 1 THEN 1 --Achieved
WHEN LA.A34 = 6 THEN 11 --Plan Break
WHEN LA.A50 = 7 THEN 10 --Transfer
WHEN LA.A50 = 41 THEN 8 --Transfer
WHEN LA.A34 = 3 AND LA.A50 = 40 THEN 8 --Transfer
WHEN LA.A34 = 4 THEN 8 --Transfer
WHEN LA.A50 = 2 THEN 9 --Not Achieved
ELSE 6 --Not Achieved
END ,

```



```

P_IN_1112 = CASE WHEN LA.In_LR & 8 = 0 THEN 0 ELSE 1 END ,
P_IN_1213 = CASE WHEN LA.In_LR & 16 = 0 THEN 0 ELSE 1 END
INTO #Latest_SILR
FROM MI_Warehouse_Staging.dbo.CL_0809_1213_CL_Final LA
WHERE A04 = 30
AND A10 IN ( 45, 46 )
AND LA.A09 NOT LIKE 'ZINN000[1-6]' -- Innovation Code Learning Aims
AND LA.A15 NOT IN ( 2, 3, 10, 20, 21 )
AND LA.Year_ID > 2010
AND L_FundingSource IN ( 1, 2, 3, 4, 5, 6 )
AND 83 NOT IN ( LA.A46A, LA.A46B, LA.A46C ) -- Exclude ESP
AND 125 NOT IN ( LA.A46A, LA.A46B, LA.A46C ) -- Exclude ER coded LR
AND MCL_Excl = 0
AND JSA_ESA_Excl = 0

--Amalgamate all record from across years
IF OBJECT_ID('tempdb..#1112_1213_WPL_Aims') IS NOT NULL
DROP TABLE #1112_1213_WPL_Aims

SELECT LA.* ,
Age_Band = CASE
WHEN A_Agestb IN ( 1, 2 ) THEN 1 --'16-18'
WHEN A_Agestb IN ( 3, 4 ) THEN 2 --'19-24'
ELSE 3 --'25+'
END ,
P_Achieve_Overall = CASE
WHEN P_Prog_Status = 1 AND A31 <= LA.P_Period_End_Overall THEN 1
ELSE 0
END ,
P_Achieve_Timely = CASE
WHEN P_Prog_Status = 1 AND A31 <= DATEADD(d, 90, A28) THEN 1
ELSE 0
END ,
P_Trans_Overall = CASE
WHEN P_Prog_Status IN ( 7, 8, 10 ) AND A31 <=
LA.P_Period_End_Overall THEN 1
ELSE 0
END ,
P_Plan_Break_Overall = CASE
WHEN P_Prog_Status IN ( 11 ) AND A31 <=
LA.P_Period_End_Overall THEN 1
ELSE 0
END ,
p_Trans_Timely = CASE
WHEN P_Prog_Status IN ( 7, 8, 10 ) AND A31 <= DATEADD(d, 90,
A28) THEN 1
ELSE 0
END ,
P_Plan_Break_Timely = CASE
WHEN P_Prog_Status IN ( 11 ) AND A31 <= DATEADD(d, 90, A28)
THEN 1
ELSE 0
END ,
P_Leavers_Overall = CASE
WHEN A31 IS NOT NULL AND A31 <= LA.P_Period_End_Overall
THEN 1
ELSE 0
END ,

```

```

P_ActEndYr = CASE
    WHEN A31 > LA.P_Period_End_Overall THEN 2012.5
    WHEN DATEPART(m, LA.A31) >= 8 THEN DATEPART(yy, LA.A31)
    WHEN DATEPART(m, LA.A31) < 8 THEN DATEPART(yy, LA.A31) - 1
    ELSE 2012.5
END ,
LAD.* ,
P_StartYr = CASE WHEN DATEPART(m, A27) >= 8
    THEN DATEPART(yy, A27)
    WHEN DATEPART(m, A27) < 8
    THEN DATEPART(yy, A27) - 1
    ELSE 0
END ,
P_ExpEndYr = CASE WHEN A28 > P_Period_End_Overall
    THEN @ReportingYear + 0.5
    WHEN DATEPART(m, a28) >= 8
    THEN DATEPART(yy, a28)
    WHEN DATEPART(m, a28) < 8
    THEN DATEPART(yy, a28) - 1
    ELSE 0
END
INTO #1112_1213_WPL_Aims
FROM ( SELECT * ,
        P_Period_End_Overall = '31-Jul-2013'
        FROM #Latest_LEOP
        UNION ALL
        SELECT * ,
        P_Period_End_Overall = '31-Jul-2013'
        FROM #Latest_SILR
    ) AS LA
LEFT JOIN #LAD_HIER AS LAD ON LAD.LEARNING_AIM_REF = LA.A09

IF OBJECT_ID('dbo.SR1213_WPL_SN14', 'U') IS NOT NULL
    DROP TABLE dbo.SR1213_WPL_SN14

```

--Produce 12/13 WPL Success Rate Dataset file (previously called MasterTrim)

```

SELECT '2012/13' [Year] ,
    D.DataSource ,
    IA_Return = 14,
    D.L01 ,
    P.Prv_Name ,
    P.Prv_Type ,
    UniqueLearnerNumber = D.ULN ,
    D.L03 ,
    D.L01_Orig ,
    D.L03_Orig ,
    D.A09 ,
    D.A22 ,
    A22_UKPRN_Name = S.Provider_Name ,
    D.A23 ,
    D.A27 ,
    D.A28 ,
    D.A31 ,
    D.A34 ,
    D.A35 ,
    D.A44 ,
    D.A46a ,

```

```

D.A46b ,
D.A46c ,
A46d = 999 ,
ISNULL(D.A50, -1) A50 ,
D.A63 ,
D.L11 ,
D.L12 ,
D.L13 ,
D.L14 ,
D.L15 ,
D.L16 ,
D.L17 ,
D.L_AGE ,
D.P_Prog_Status ,
D.A_Total_Payment ,
D.A_Agest ,
D.A_Agestb ,
D.Age_Band ,
D.P_IN_1112 ,
D.P_IN_1213 ,
p_in_1314 = 0 ,
D.P_Trans_Overall ,
D.P_Plan_Break_Overall ,
D.P_Trans_Timely ,
D.P_Plan_Break_Timely ,
D.P_StartYr ,
D.P_ExpEndYr ,
D.P_ActEndYr ,
P_HybridEndYr = CASE
    WHEN p_actendyr = 0 THEN @ReportingYear + 0.5
    WHEN P_ExpEndYr >= p_actendyr THEN P_ExpEndYr
    ELSE p_actendyr
END ,
P_COUNT_OVERALL = CASE
    WHEN P_Leavers_Overall = 1 AND P_Trans_Overall = 0 AND
P_Plan_Break_Overall = 0 AND (CASE
    WHEN P_ExpEndYr >= P_ActEndYr THEN P_ExpEndYr
    ELSE P_ActEndYr
END
    BETWEEN 2011 AND 2012) THEN 1
    ELSE 0
END ,
P_ACH_OVERALL = CASE
    WHEN P_Leavers_Overall = 1 AND P_Trans_Overall = 0 AND
P_Plan_Break_Overall = 0 AND (CASE
    WHEN P_ExpEndYr >= P_ActEndYr THEN P_ExpEndYr
    ELSE P_ActEndYr
END BETWEEN 2011 AND 2012) THEN P_Achieve_Overall
    ELSE 0
END ,
P_COUNT_TIMELY = CASE

```

```

        WHEN P_Trans_Timely = 0 AND P_Plan_Break_Timely = 0 AND
P_ExpEndYr BETWEEN 2011 AND 2012 THEN 1
        ELSE 0
    END ,
    P_ACH_TIMELY = CASE
        WHEN P_Trans_Timely = 0 AND P_Plan_Break_Timely = 0 AND
P_ExpEndYr BETWEEN 2011 AND 2012 AND DATEDIFF(d, D.A28, D.A31) <= 90 THEN
P_ACHIEVE_Timely
        ELSE 0
    END ,
    D.P_Period_End_Overall ,
    P_Period_End_Timely = D.P_Period_End_Overall ,
    D.A_SSA_T1 ,
    D.A_SSA_T2 ,
    D.A_SFLP ,
    D.A_Notion ,
    D.BELOW_LEVEL2 ,
    D.A_Fulllevel2 ,
    D.A_Fulllevel3 ,
    D.QCF_Size ,
    D.A_L2CAT ,
    D.A_L2PCT ,
    D.A_L3CAT ,
    D.A_L3PCT ,
    D.LEARNING_AIM_TYPE ,
    D.A_l2wid ,
    D.A_l3wid ,
    AimType = CASE
        WHEN ISNULL(D.A_SFLP, 0) = 1 THEN 'Skills For Life'
        WHEN D.A_Fulllevel2 = 1 THEN 'Full Level 2'
        WHEN D.A_Fulllevel3 = 1 THEN 'Full Level 3'
        WHEN D.BELOW_LEVEL2 = 1 THEN 'Below Level 2(excl SFL)'
        ELSE 'Other'
    END
INTO MI_Warehouse.dbo.SR1213_WPL_SN14
FROM #1112_1213_WPL_Aims AS D
LEFT JOIN ILRExtract.dbo.SILR1213_PROVIDER_DETAILS AS P ON P.L01 = D.L01
LEFT JOIN MI_Warehouse.PROVIDER.Provider_UKPRN AS S ON CAST(S.UKPRN AS
VARCHAR) = D.A22 AND @ReportingYear BETWEEN S.CREATED AND S.EXPIRED

IF OBJECT_ID('dbo.WPL_QSR_1314_Data_04', 'U') IS NOT NULL
    DROP TABLE dbo.WPL_QSR_1314_Data_04

SELECT *
INTO MI_Warehouse.dbo.WPL_QSR_1314_Data_04
FROM (
--SILR
        SELECT 2013 Year_ID ,
        CAST('ILR' AS VARCHAR(4)) DataSource ,
        L01 = AIMS.UPIN ,
        L03 = AIMS.LearnRefNumber ,
        A09 = AIMS.LearnAimRef ,
        A27 = AIMS.LearnStartDate ,
        A28 = AIMS.LearnPlanEndDate ,
        A31 = AIMS.LearnActEndDate ,
        A35 = AIMS.Outcome ,
        P_PROG_STATUS = CASE

```

```

        WHEN ISNULL(LearnActEndDate, -1) = -1 THEN 0
        WHEN Outcome = 1 THEN 1
        WHEN CompPStatus = 6 THEN 11
        WHEN WithdrawReason = 7 THEN 10
        WHEN WithdrawReason = 41 THEN 8
        WHEN CompPStatus = 3 AND WithdrawReason = 40 THEN 8
        WHEN CompPStatus = 4 THEN 8
        WHEN WithdrawReason = 2 THEN 9
        ELSE 6
    END ,
    P_ActEndYr = CASE
        WHEN DATEPART(m,AIMS.LearnActEndDate) >= 8 THEN
DATEPART(yy, AIMS.LearnActEndDate)
        WHEN DATEPART(m,AIMS.LearnActEndDate) < 8
THEN DATEPART(yy,AIMS.LearnActEndDate) - 1
        ELSE 0
    END
FROM ILRExtract.dbo.SILR1314_AIMS_SN04 AS AIMS
JOIN ILRExtract.dbo.SILR1314_LEARNER_SN04 AS L ON AIMS.UPIN =
L.UPIN
AND AIMS.LearnRefNumber =
L.LearnRefNumber
WHERE --Non-Apprenticeships (Non-Programme Aims)
AIMS.AimType <> 1
AND AIMS.ProgType NOT IN ( 2, 3, 10, 20, 21, 22,
23 )
AND AIMS.LearnPlanEndDate < '1-Aug-2013'
AND AIMS.LearnActEndDate <= DATEADD(d, 90,
AIMS.LearnPlanEndDate)
AND CASE
WHEN ISNULL(LearnActEndDate, -1) = -1 THEN 0
    WHEN Outcome = 1 THEN 1
    WHEN CompPStatus = 6 THEN 11
    WHEN WithdrawReason = 7 THEN 10
    WHEN WithdrawReason = 41 THEN 8
    WHEN CompPStatus = 3 AND WithdrawReason = 40 THEN 8
    WHEN CompPStatus = 4 THEN 8
    WHEN WithdrawReason = 2 THEN 9
    ELSE 6
END = 1
UNION ALL
--LEOP
SELECT 2013 Year_ID ,
CAST('LEOP' AS VARCHAR(4)) DataSource ,
L01 = AIMS.UPIN ,
L03 = L.LearnRefNumber ,
A09 = LearnAimRef ,
A27 = LearnStartDate ,
A28 = LearnPlanEndDate ,
A31 = LearnActEndDate ,
A35 = Outcome ,
P_PROG_STATUS = CASE
    WHEN ISNULL(AIMS.LearnActEndDate, '01-01-1900') IN
('01-01-1900', '01-01-1754' ) THEN 0
    WHEN AIMS.LearnActEndDate IS NOT NULL AND
AIMS.Outcome = 1 THEN 1
    WHEN AIMS.CompPStatus = 6 THEN 11
    ELSE 6

```

```

                END ,
                P_ActEndYr = CASE
                    WHEN DATEPART(m,AIMS.LearnActEndDate) >= 8 THEN
DATEPART(yy,AIMS.LearnActEndDate)
                    WHEN DATEPART(m, AIMS.LearnActEndDate) < 8
THEN DATEPART(yy,AIMS.LearnActEndDate) - 1
                    ELSE 0
                END
            FROM MI_DEV_TEMP.dbo.LEOP1314_AIMS_E04 AS AIMS
                JOIN MI_DEV_TEMP.dbo.LEOP1314_LEARNER_E04 AS L ON AIMS.UPIN =
L.UPIN AND AIMS.LearnRefNumber = L.LearnRefNumber
            WHERE AIMS.LearnAimRef NOT LIKE 'ZINN000[1-6]'
                AND AIMS.AimType <> 1
                AND AIMS.ProgType NOT IN ( 2, 3, 10, 20, 21, 22,23 )
                AND AIMS.LearnPlanEndDate < '1-Aug-2013'
                AND AIMS.LearnActEndDate <= DATEADD(d,
90,AIMS.LearnPlanEndDate)
                AND CASE
                    WHEN ISNULL(AIMS.LearnActEndDate, '01-01-1900') IN ( '01-01-
1900', '01-01-1754' ) THEN 0
                    WHEN AIMS.CompStatus = 2 AND AIMS.Outcome = 1 THEN 1
                    WHEN AIMS.CompStatus = 2 AND ISNULL(AIMS.Outcome, 0) != 1 THEN 6
                    WHEN AIMS.CompStatus IN ( 3 ) THEN 13
                    WHEN AIMS.CompStatus IN ( 4, 5 ) THEN 8
                    WHEN AIMS.CompStatus = 6 THEN 11
                    ELSE 7
                END = 1
        ) T

-- Update L01 and L03 changes
UPDATE A
SET
    A.L01 = M.Old_L01 ,
    A.L03 = M.Old_LRN
FROM MI_Warehouse.dbo.WPL_QSR_1314_Data_04 AS A
JOIN ILRExtract.dbo.vw_ER_MCL_Mergers AS M ON A.L01 = M.New_L01 AND A.L03
= M.New_LRN
JOIN MI_Warehouse.dbo.SR1213_WPL_SN14 AS B ON B.L01 = M.Old_L01 AND B.L03
= M.Old_LRN AND A.A09 = B.A09 AND A.A27 = B.A27

-- Update QSR dataset Timely details following R04
UPDATE A
SET
    A.P_ACH_TIMELY = 1 ,
    A.A31 = B.A31 ,
    A.P_Actendyr = B.P_ActEndYr ,
    A.A35 = B.A35 ,
    p_in_1314 = 1
FROM MI_Warehouse.dbo.SR1213_WPL_SN14 AS A
JOIN MI_Warehouse.dbo.WPL_QSR_1314_Data_04 AS B ON A.L01 = B.L01 AND
A.L03 = B.L03 AND A.A09 = B.A09 AND A.A27 = B.A27
WHERE A.P_COUNT_TIMELY = 1 AND A.P_ACH_TIMELY = 0

--Remove out of scope records
DELETE FROM MI_Warehouse.dbo.SR1213_WPL_SN14
WHERE CASE
    WHEN P_ExpEndYr IN ( 2011, 2012 ) THEN 1
    WHEN P_HybridEndYr IN ( 2011, 2012 ) THEN 1
    ELSE 0

```

```

        END = 0

-- Apply Six week rule
DELETE FROM MI_Warehouse.dbo.SR1213_WPL_SN14
WHERE DATEDIFF(d, A27, A31) + 1 < 6 * 7
      AND A31 IS NOT NULL
      AND ISNULL(P_Prog_Status, -1) != 1
      AND p_in_1314 != 1

ALTER TABLE MI_Warehouse.dbo.SR1213_WPL_SN14 ADD Transaction_ID INT IDENTITY

CREATE UNIQUE CLUSTERED INDEX IDX_SR1213_WPL_SN14 ON
MI_Warehouse.dbo.SR1213_WPL_SN14 (Transaction_ID)

END

GO

-----
--WPL Matching Process;
--matches records across years, to identify the latest record

CREATE Procedure [QSR].[usp_WPL_QSR_MatchProcess] (@Year_ID int, @MaxYear_ID int)
AS

DECLARE @NextYear_ID INT
DECLARE @RowCheck INT

UPDATE A
SET Matched = 0, MatchYear = 0, MatchedRank = 0
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE Year_ID >= @Year_ID AND Matched != 0

SELECT @NextYear_ID = @Year_ID + 1

WHILE @NextYear_ID <= @MaxYear_ID
BEGIN

    SELECT @RowCheck = 1

    WHILE @RowCheck != 0
    BEGIN

        SELECT A.Year_ID Year1, A.Rank Rank1, B.Year_ID Year2, B.Rank Rank2
        INTO #Match
        FROM ( SELECT Year_ID, L01, L03, A09, A27, A28, A31, Max(Rank) Rank
              FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
              WHERE A.Year_ID IN(@Year_ID) AND MatchYear < @NextYear_ID
              GROUP BY Year_ID, L01, L03, A09, A27, A28, A31
            ) A
        JOIN ( SELECT A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.A28, A.A31,
              Max(A.Rank) Rank
              FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
              JOIN ( SELECT DISTINCT L01, L03, A09, A27, A28, A31
                    FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
                    WHERE A.Year_ID IN(@Year_ID) AND MatchYear < @NextYear_ID
                  ) B ON A.L01 = B.L01
                  AND A.L03 = B.L03
            ) B ON A.L01 = B.L01
            AND A.L03 = B.L03
    END
END

```

```

        AND A.A09 = B.A09
        AND A.A27 = B.A27
        AND A.A28 = B.A28
        AND A.A31 = B.A31
    WHERE A.Year_ID IN(@NextYear_ID) AND A.Matched = 0
    GROUP BY A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.A28, A.A31
) B ON A.L01 = B.L01
AND A.L03 = B.L03
AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.A28 = B.A28
AND A.A31 = B.A31

```

```
SELECT @RowCheck = @@RowCount
```

```

UPDATE A
SET Matched = 1, MatchYear = B.Year2, MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match B ON A.Year_ID = B.Year1 AND A.Rank = B.Rank1

```

```

UPDATE A
SET Matched = 1, MatchYear = @Year_ID, MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match B ON A.Year_ID = B.Year2 AND A.Rank = B.Rank2

```

```
DROP Table #Match
```

```
END
```

```
SELECT @RowCheck = 1
```

```

WHILE @RowCheck != 0
BEGIN

```

```

SELECT A.Year_ID Year1, A.Rank Rank1, B.Year_ID Year2, B.Rank Rank2
INTO #Match2
FROM ( SELECT Year_ID, L01, L03, A09, A27, A28, Max(Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE A.Year_ID IN(@Year_ID)
AND MatchYear < @NextYear_ID
GROUP BY Year_ID, L01, L03, A09, A27, A28
) A
JOIN ( SELECT A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.A28, Max(A.Rank)
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN ( SELECT DISTINCT L01, L03, A09, A27, A28
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE A.Year_ID IN(@Year_ID) AND MatchYear < @NextYear_ID
) B ON A.L01 = B.L01
AND A.L03 = B.L03
AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.A28 = B.A28
WHERE A.Year_ID IN(@NextYear_ID) AND A.Matched = 0
GROUP BY A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.A28
) B ON A.L01 = B.L01
AND A.L03 = B.L03

```

Rank


```

AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.A28 = B.A28

```

```
SELECT @RowCheck = @@RowCount
```

```

UPDATE A
SET Matched = 1, MatchYear = B.Year2, MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match2 B ON A.Year_ID = B.Year1 AND A.Rank = B.Rank1

```

```

UPDATE A
SET Matched = 1, MatchYear = @Year_ID, MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match2 B ON A.Year_ID = B.Year2 AND A.Rank = B.Rank2

```

```
DROP Table #Match2
```

```
END
```

```
SELECT @RowCheck = 1
```

```

WHILE @RowCheck != 0
BEGIN

```

```

SELECT A.Year_ID Year1, A.Rank Rank1, B.Year_ID Year2, B.Rank Rank2
INTO #Match3
FROM ( SELECT Year_ID, L01, L03, A09, A27, P_ExpEndYr, A31, Max(Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE A.Year_ID IN(@Year_ID)
AND MatchYear < @NextYear_ID
GROUP BY Year_ID, L01, L03, A09, A27, P_ExpEndYr, A31
) A
JOIN ( SELECT A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.P_ExpEndYr, A.A31,
Max(A.Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN ( SELECT DISTINCT L01, L03, A09, A27, P_ExpEndYr, A.A31
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE A.Year_ID IN(@Year_ID) AND MatchYear < @NextYear_ID
) B ON A.L01 = B.L01
AND A.L03 = B.L03
AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.P_ExpEndYr = B.P_ExpEndYr
AND A.A31 = B.A31
WHERE A.Year_ID IN(@NextYear_ID) AND A.Matched = 0
GROUP BY A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.P_ExpEndYr, A.A31
) B ON A.L01 = B.L01
AND A.L03 = B.L03
AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.P_ExpEndYr = B.P_ExpEndYr
AND A.A31 = B.A31

```

```
SELECT @RowCheck = @@RowCount
```

```

UPDATE A
SET Matched = 1, MatchYear = B.Year2, MatchedRank = B.Rank2

```

```

FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match3 B ON A.Year_ID = B.Year1 AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1, MatchYear = @Year_ID, MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match3 B ON A.Year_ID = B.Year2 AND A.Rank = B.Rank2

DROP Table #Match3

END

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

SELECT A.Year_ID Year1, A.Rank Rank1, B.Year_ID Year2, B.Rank Rank2
INTO #Match4
FROM ( SELECT Year_ID, L01, L03, A09, A27, P_ExpEndYr, Max(Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE A.Year_ID IN(@Year_ID)
AND MatchYear < @NextYear_ID
GROUP BY Year_ID, L01, L03, A09, A27, P_ExpEndYr
) A
JOIN ( SELECT A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.P_ExpEndYr,
Max(A.Rank) Rank
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN ( SELECT DISTINCT L01, L03, A09, A27, P_ExpEndYr
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
WHERE A.Year_ID IN(@Year_ID)AND MatchYear < @NextYear_ID
) B ON A.L01 = B.L01
AND A.L03 = B.L03
AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.P_ExpEndYr = B.P_ExpEndYr
WHERE A.Year_ID IN(@NextYear_ID) AND A.Matched = 0
GROUP BY A.Year_ID, A.L01, A.L03, A.A09, A.A27, A.P_ExpEndYr
) B ON A.L01 = B.L01
AND A.L03 = B.L03
AND A.A09 = B.A09
AND A.A27 = B.A27
AND A.P_ExpEndYr = B.P_ExpEndYr

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1, MatchYear = B.Year2, MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match4 B ON A.Year_ID = B.Year1 AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1, MatchYear = @Year_ID, MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.Temp.QSR_WPL_Merged_1112_1213 A
JOIN #Match4 B ON A.Year_ID = B.Year2 AND A.Rank = B.Rank2

DROP Table #Match4

```

```
END
```

```
SELECT @NextYear_ID = @NextYear_ID + 1
```

```
END
```

```
RETURN(0)
```

```
GO
```

Apprenticeships dataset production

```
--Create Apps QSR Dataset
CREATE Procedure [dbo].[usp_Create_APPS_SR_Dataset]
AS
BEGIN

DECLARE @Year_ID INT
SET      @Year_ID = 2012 --Change to reporting year--

EXEC  MI_Warehouse_Staging.system.usp_DropTable 'dbo.ER_L03_Mergers_App'

SELECT  *, GETDATE() ER_MT_ProcessedDate
INTO  MI_Warehouse_Staging.dbo.ER_L03_Mergers_App
FROM  ILRExtract.dbo.vw_L03_Mergers

SELECT  *
INTO  #ER_L03_Mergers
FROM  ILRExtract.dbo.vw_L03_Mergers

CREATE CLUSTERED INDEX IDX_L03 ON #ER_L03_Mergers(L01, L03)

-- Re-instate for 12/13
--Temporary Data Fix
DELETE FROM #ER_L03_Mergers WHERE L01 = 106949 AND L03 = 39319 AND L03_New = '99D350'

--Here to cater for erroneous L03 returns pre-fix to check for duplicates
--Should be none only one dealt with above...
DELETE      M
FROM      #ER_L03_Mergers M
        JOIN (      SELECT      L01, L03, DateOfChange
                FROM      (      SELECT      DISTINCT L01, L03, L03_New, DateOfChange--,
                Mrg_Academic_Year
                FROM      #ER_L03_Mergers) M
                GROUP BY L01, L03, DateOfChange
                Having COUNT(*) > 1) D ON D.L01 = M.L01
                AND D.L03 = M.L03

---Need to check if this is right as it assumes no L03 re-use....
--Generate a row count
SELECT      'Dummy row forced'

----Iterate until no more updates occur
WHILE @@RowCount != 0
BEGIN

DELETE FROM #ER_L03_Mergers WHERE L01 = L01_New AND L03 = L03_New

UPDATE      ML2
SET      ML2.L03_New = ML.L03_New
FROM      #ER_L03_Mergers ML
        JOIN #ER_L03_Mergers ML2 ON ML.L01 = ML2.L01
                AND ML.L01 = ML.L01_New
                AND ML.L03 = ML2.L03_New
                AND ML2.L03_New != ML2.L03
                AND ML2.Sequence < ML.Sequence
```

END

--L01 Mergers

```
SELECT *, 0 Nested
INTO #MergerList
FROM ILRExtract.dbo.LR_L01_Mergers
WHERE Mrg_Academic_Year < @Year_ID
      AND L01 != L01_New
```

--Generate a row count

```
SELECT 'Dummy row forced'
```

--Iterate until no more updates occur

```
WHILE @@RowCount != 0
BEGIN
    UPDATE ML2
    SET ML2.L01_New = ML.L01_New
      , ML2.Nested = ML2.Nested + 1
    FROM #MergerList ML
        JOIN #MergerList ML2 ON ML.L01 = ML2.L01_New
END
```

END

-----Drop and Create 13/14 Apps_Data-----
-----includes SILR, LEOP, and EOP-----

```
EXEC MI_Warehouse_Staging.dbo.usp_DropTable 'APPS_QSR_1314'
```

```
SELECT DataSource = CAST('ILR' as varchar(4))
,Year_ID = cast(2013 as int)
,AC_Year = cast('2013' as varchar(50))
,L01 = cast(ISNULL(M.L01_New, AIMS.UPIN) as int)
,L03_New = cast(isnull(M.L03_New, AIMS.LearnRefNumber) as varchar(50))

,L01_Orig = cast(AIMS.UPIN as int)
,L03_Orig = cast(AIMS.LearnRefNumber as varchar(50))
,L11 = cast(L.DateOfBirth as datetime)
,L12 = L.Ethnicity
,L13 = L.Sex
,L14 = L.LLDDHealthProb
,L15 = L.L_Disability
,L16 = L.L_LearnDiff
,L17 = L.L_PriorPcode
,L25 = -1
,L44 = '-1'
,L_Age
,AIMS.ULN
,A04 = AIMS.AimType
,A05 = AIMS.AimSeqNumber
,A09 = AIMS.LearnAimRef
,A10 = AIMS.FundModel
,A15 = AIMS.ProgType
,A16 = '-1'
,A23 = AIMS.DelLocPostCode
,A34 = AIMS.CompStatus
,A35 = AIMS.Outcome
,A40 = AIMS.AchDate
,A44 = AIMS.D_EmpID
```

```

,A49A          = AIMS.SPP
,A26           = ISNULL(AIMS.FworkCode, -1)
,A27           = AIMS.LearnStartDate
,A28           = AIMS.LearnPlanEndDate
,A31           = AIMS.LearnActEndDate
,A46a          = AIMS.LDM_1
,A46b          = AIMS.LDM_2
,A46c          = AIMS.LDM_3
,A46d          = AIMS.LDM_4
,A_ATA_Emp     = D_AccToAppEmpd
,a_agestb      = CASE WHEN AIMS.D_AgeAimStart BETWEEN 0 and 15 THEN 1
                  WHEN AIMS.D_AgeAimStart BETWEEN 16 and 18 THEN 2
                  WHEN AIMS.D_AgeAimStart BETWEEN 19 and 20 THEN 3
                  WHEN AIMS.D_AgeAimStart BETWEEN 21 and 24 THEN 4
                  WHEN AIMS.D_AgeAimStart BETWEEN 25 and 59 THEN 5
                  WHEN AIMS.D_AgeAimStart BETWEEN 60 and 120 THEN 6
                  ELSE 9
                END
,a_agest       = AIMS.D_AgeAimStart
,A50           = AIMS.WithdrawReason
,L39           = L.Dest
,p_prog_status = AIMS.P_ProgStatus
,SILR.Period
,PFUND.A_TOTAL_Payment_Y2D
,Priority       = CASE WHEN AIMS.CompStatus IN(4, 6) THEN 1 ELSE 0 END
,Sequence      = cast(1 as int)
,Rnk           = cast(1 as int)
,L01_Change    = CASE WHEN ISNULL(M.L01_New, AIMS.UPIN) = AIMS.UPIN THEN 0 ELSE
1 END
INTO MI_Warehouse_Staging.dbo.APPS_QSR_1314
FROM ILRExtract.dbo.SILR1314_Aims_SN04 AS AIMS
JOIN ILRExtract.dbo.SILR1314_Learner_SN04 AS L ON AIMS.UPIN = L.UPIN AND
AIMS.LearnRefNumber = L.LearnRefNumber
JOIN MI_Warehouse.Metadata.SILR_IA_Return_To_Period SILR ON SILR.IA_Return =
AIMS.IA_Return AND AIMS.Year = SILR.Year
LEFT JOIN #ER_L03_Mergers M ON AIMS.UPIN = M.L01 AND AIMS.LearnRefNumber =
M.L03
LEFT JOIN ILRExtract.dbo.SILR1314_PROG_FUNDING_SN04 PFUND ON AIMS.UPIN =
PFUND.L01 AND AIMS.LearnRefNumber = PFUND.L03 AND AIMS.AimSeqNumber = PFUND.A05

WHERE AIMS.AimType = 1
AND AIMS.ProgType in (2,3,10, 20, 21)
-- AND (127 NOT IN(LDM1, LDM2, LDM3, LDM4)OR D_AccToAppEmpd = 1)
AND AIMS.LearnStartDate <= '31-Jul-2013'
AND AIMS.LearnPlanEndDate <= '31-Jul-2013'
AND AIMS.LearnActEndDate <= DateAdd(d,90,'31-Jul-2013')
AND AIMS.P_ProgStatus = 1

UNION ALL

/*Large Employer Outcome Pilot*/
SELECT *
FROM ( SELECT DataSource = CAST('LEOP' as varchar (4))
      , Year_ID = cast(2013 as int)
      , AC_Year = cast('2013' as varchar(50))
      , L01 = CAST(AIMS.UPIN as INT)
      , L03_New = CAST(AIMS.LearnRefNumber as varchar(50))

```

```

, L01_Orig      = CAST(AIMS.UPIN as INT)
, L03_Orig      = CAST(AIMS.LearnRefNumber as varchar(50))
, L11           = cast(L.DateOfBirth as datetime)
, L.Ethnicity
, L.Sex
, L.LLDDHealthProb
, L15 = -1
, L16 = -1
, L17          = L.L_PriorPcode
, L25 = -1
, L44 = '-1'
, L_Age
, AIMS.ULN
, A04          = AIMS.AimType
, A05          = AIMS.AimSeqNumber
, A09          = AIMS.LearnAimRef
, A10          = AIMS.FundModel
, A15          = AIMS.ProgType
, A16          = '-1'
, A23          = AIMS.DelLocPostCode
, A34          = AIMS.CompStatus
, A35          = AIMS.Outcome
, A40          = NULL
, A44          = -1
, A49A         = 'NA'
, A26          = ISNULL(AIMS.FworkCode, -1)

, A27          = AIMS.LearnStartDate
, A28          = AIMS.LearnPlanEndDate
, A31          = AIMS.LearnActEndDate
, A46a         = 999
, A46b         = 999
, A46c         = 999
, A46d         = 999
, A_ATA_Emp    = NULL
, a_agestb     = CASE
                    WHEN AIMS.D_AgeAimStart BETWEEN 0 and 15 THEN 1
                    WHEN AIMS.D_AgeAimStart BETWEEN 16 and 18 THEN 2
                    WHEN AIMS.D_AgeAimStart BETWEEN 19 and 20 THEN 3
                    WHEN AIMS.D_AgeAimStart BETWEEN 21 and 24 THEN 4
                    WHEN AIMS.D_AgeAimStart BETWEEN 25 and 59 THEN 5
                    WHEN AIMS.D_AgeAimStart BETWEEN 60 and 120 THEN 6
                    ELSE 9
                END
, a_agest      = AIMS.D_AgeAimStart
, A50 = -1
, L39 = 98
, P_PROG_STATUS = CASE
                    --WHEN ISNULL(AIMS.LearnActEndDate,-1) = -1
                THEN 0
                    WHEN ISNULL(CASE WHEN AIMS.LearnActEndDate = '1754-01-01'
                THEN '01-01-1900' ELSE AIMS.LearnActEndDate END, '01-01-1900') = '01-01-1900' THEN 0
                    WHEN AIMS.LearnActEndDate IS NOT NULL AND AIMS.Outcome = 1
                THEN 1
                    WHEN AIMS.CompStatus = 6 THEN 11
                    ELSE 6
                END
, SILR.Period

```

```

, A_TOTAL_Payment_Y2D = NULL
, Priority = CASE
    WHEN AIMS.CompStatus IN (4,6) THEN 1
    ELSE 0
    END
, Sequence = cast(1 as int)
, Rnk = cast(1 as int)
, L01_Change = 0

FROM
MI_DEV_TEMP.dbo.LEOP1314_AIMS_E04 as AIMS

LEFT OUTER JOIN MI_DEV_TEMP.dbo.LEOP1314_LEARNER_E04 as L ON AIMS.UPIN =
L.UPIN and AIMS.LearnRefNumber = L.LearnRefNumber
LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period SILR ON
SILR.IA_Return = AIMS.[IA_Return] AND LEFT(AIMS.Year,4) = SILR.Year_ID

WHERE AIMS.AimType = 1
AND AIMS.ProgType in (2,3,10,20,21)
)T
WHERE A27 <= '31-Jul-2013'
AND A28 <= '31-Jul-2013'
AND A31 <= DateAdd(d,90,'31-Jul-2013')
AND P_PROG_STATUS = 1

UNION ALL

/*Employer Ownership Pilot*/
SELECT
DataSource = CAST ('EOP1' as varchar (4))
, Year_ID = cast(2013 as int)
, AC_Year = cast('2013' as varchar(50))
, L01 = CAST (AIMS.Grant_Recipient_UPIN as INT)
, L03_New = CAST (AIMS.LearnRefNumber as varchar(50))
, L01_Orig = CAST (AIMS.Grant_Recipient_UPIN as INT)
, L03_Orig = CAST (AIMS.LearnRefNumber as varchar(50))
, L11 = cast(L.DateOfBirth as datetime)
, L12 = L.Ethnicity
, L13 = L.Sex
, L14 = L.LLDDHealthProb
, L15 = L.L_Disability
, L16 = L.L_LearnDiff
, L17 = L.L_PriorPostcode
, L25 = -1
, L44 = '-1'
, L_Age = L.L_AGE
, ULN = L.ULN
, A04 = AIMS.AimType
, A05 = AIMS.AimseqNumber
, A09 = AIMS.LearnAimRef
, A10 = AIMS.FundModel
, A15 = AIMS.ProgType
, A16 = -1
, A23 = AIMS.DelLocPostCode
, A34 = AIMS.CompStatus
, A35 = AIMS.Outcome
, A40 = AIMS.AchDate
, A44 = AIMS.D_EmpID
, A49A = 'NA'

```



```

, A26      = ISNULL(AIMS.FworkCode, -1)
, A27      = AIMS.LearnStartDate
, A28      = AIMS.LearnPlanEndDate
, A31      = AIMS.LearnActEndDate
, A46a     = 999
, A46b     = 999
, A46c     = 999
, A46d     = 999
, A_ATA_Emp = NULL
, a_agestb = CASE WHEN AIMS.D_AgeAimStart BETWEEN 0 and 15 THEN 1
                WHEN AIMS.D_AgeAimStart BETWEEN 16 and 18 THEN 2
                WHEN AIMS.D_AgeAimStart BETWEEN 19 and 20 THEN 3
                WHEN AIMS.D_AgeAimStart BETWEEN 21 and 24 THEN 4
                WHEN AIMS.D_AgeAimStart BETWEEN 25 and 59 THEN 5
                WHEN AIMS.D_AgeAimStart BETWEEN 60 and 120 THEN 6
                ELSE 9
            END
, a_agest  = AIMS.D_AgeAimStart
, A50      = AIMS.WithdrawReason
, L39      = L.Dest
, p_prog_status = AIMS.P_ProgStatus
, SILR.Period
, A_TOTAL_Payment_Y2D = NULL
, Case WHEN AIMS.CompStatus IN(4,6) THEN 1 ELSE 0 END Priority
, Sequence = cast(1 as int)
, Rnk      = cast(1 as int)
, L01_Change = 0
FROM      ILRExtract.dbo.EOP1_1314_AIMS_E04 as AIMS
LEFT OUTER JOIN ILRExtract.dbo.EOP1_1314_LEARNER_E04 AS L ON
AIMS.Grant_Recipient_UPIN = L.Grant_Recipient_UPIN and AIMS.LearnRefNumber =
L.LearnRefNumber
LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period SILR ON
SILR.IA_Return = AIMS.[IA_RETURN] AND Right(AIMS.Year,4) = SILR.Year_ID
WHERE     AIMS.AimType = 1
AND AIMS.ProgType in (2,3,10,20,21)
AND AIMS.LearnStartDate <= '31-Jul-2013'
AND AIMS.LearnPlanEndDate <= '31-Jul-2013'
AND AIMS.LearnActEndDate <= DateAdd(d,90,'31-Jul-2013')
AND P_ProgStatus = 1

CREATE CLUSTERED INDEX IDX_APPS_QSR_1314 ON MI_Warehouse_Staging.dbo.APPS_QSR_1314 (L01,
L03_New, A15, A26, L01_Change, Priority, A05 desc)

EXEC MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_1314', 'Sequence'

-----Drop and Create 12/13 Apps_Data-----
-----includes SILR, LEOP, and EOP-----

EXEC      MI_Warehouse_Staging.dbo.usp_DropTable 'APPS_QSR_1213'

SELECT      DataSource      = CAST ('ILR' as varchar (4))
,Year_ID    = cast(2012 as int)
,AC_Year    = cast('2012' as varchar(50))
,L01        = cast(ISNULL(M.L01_New, AIMS.L01) as int)
,L03_New    = cast(isnull(M.L03_New, AIMS.L03) as varchar(50))
,L01_Orig   = cast(AIMS.L01 as int)
,L03_Orig   = cast(AIMS.L03 as varchar(50))
,L11       = cast(L.L11 as datetime)

```

```

,L.L12
,L.L13
,L.L14
,L.L15
,L.L16
,L.L17
,L25          = -1
,L44          = '-1'
,L_Age
,ULN = L.L45
,AIMS.A04
,AIMS.A05
,AIMS.A09
,AIMS.A10
,AIMS.A15
,AIMS.A16
,AIMS.A23
,AIMS.A34
,AIMS.A35
,AIMS.A40
,AIMS.A44
,AIMS.A49A
,A26          = ISNULL(AIMS.A26, -1)
,AIMS.A27
,AIMS.A28
,AIMS.A31
,AIMS.A46a
,AIMS.A46b
,AIMS.A46C
,A46d = 999
,AIMS.A_ATA_Emp
,AIMS.a_agestb
,AIMS.a_agest
,AIMS.A50
,L.L39
,AIMS.p_prog_status
,SILR.Period
,PFUND.A_TOTAL_Payment_Y2D
,Priority      = CASE WHEN AIMS.A34 IN(4, 6) THEN 1 ELSE 0 END
,Sequence      = cast(1 as int)
,Rnk           = cast(1 as int)
,L01_Change    = CASE WHEN ISNULL(M.L01_New, AIMS.L01) = AIMS.L01 THEN 0 ELSE 1
END
INTO MI_Warehouse_Staging.dbo.APPS_QSR_1213
FROM ILRExtract.dbo.SILR1213_AIMS_SN14 as AIMS
JOIN ILRExtract.dbo.SILR1213_LEARNER_SN14 as L ON AIMS.L01 = L.L01 AND AIMS.L03
= L.L03
JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period SILR ON SILR.IA_Return =
AIMS.IA_Return AND AIMS.Year = SILR.Year
LEFT JOIN #ER_L03_Mergers M ON AIMS.L01 = M.L01 AND AIMS.L03 = M.L03
LEFT JOIN ILRExtract.dbo.SILR1213_PROG_FUNDING_SN14 PFUND ON AIMS.L01 =
PFUND.L01 AND AIMS.L03 = PFUND.L03 AND AIMS.A05 = PFUND.A05

WHERE AIMS.A04 = 35
AND AIMS.A15 in (2,3,10, 20, 21)
--AND NOT (aims.L01 = 110023 AND AIMS.a27 < convert(datetime,'01-04-2008', 105))

UNION ALL

```

```

/*Large Employer Outcome Pilot*/
SELECT DataSource = CAST ('LEOP' as varchar (4))
      , Year_ID = cast(2012 as int)
      , AC_Year = cast('2012' as varchar(50))
      , L01 = CAST (AIMS.L01 as INT)
      , L03_New = CAST (AIMS.L03 as varchar(50))
      , L01_Orig = CAST (AIMS.L01 as INT)
      , L03_Orig = CAST (AIMS.L03 as varchar(50))
      , L11 = cast(L.L11 as datetime)
      , L.L12
      , L.L13
      , L.L14
      , L15 = -1
      , L16 = -1
      , L.L17
      , L25 = -1
      , L44 = '-1'
      , L_Age
      , ULN = L.L45
      , AIMS.A04
      , AIMS.A05
      , AIMS.A09
      , AIMS.A10
      , AIMS.A15
      , A16 = -1
      , AIMS.A23
      , AIMS.A34
      , AIMS.A35
      , A40 = NULL
      , A44 = -1
      , A49A = 'NA'
      , ISNULL(AIMS.A26, -1) A26
      , AIMS.A27, AIMS.A28
      , AIMS.A31
      , A46a = 999
      , A46b = 999
      , A46c = 999
      , A46d = 999
      , A_ATA_Emp = -1
      , a_agemtb = CASE WHEN AIMS.a_agemt BETWEEN 0 and 15 THEN 1
                        WHEN AIMS.a_agemt BETWEEN 16 and 18 THEN 2
                        WHEN AIMS.a_agemt BETWEEN 19 and 20 THEN 3
                        WHEN AIMS.a_agemt BETWEEN 21 and 24 THEN 4
                        WHEN AIMS.a_agemt BETWEEN 25 and 59 THEN 5
                        WHEN AIMS.a_agemt BETWEEN 60 and 120 THEN 6
                        ELSE 9
                        END
      , AIMS.a_agemt
      , A50 = -1, L39 = 98
      , p_prog_status = CASE WHEN AIMS.A31 IS NULL THEN 0 --continuing
                           WHEN AIMS.A35 = 1 THEN 1 --achieved
                           WHEN AIMS.A34 = 6 THEN 11 --planned break
                           WHEN AIMS.A34 in (4,5) THEN 8 --transfer new
                           ELSE 6 --no achievement
      , SILR.Period

```

```

, A_TOTAL_Payment_Y2D = NULL
, Case WHEN AIMS.A34 IN(4,6) THEN 1 ELSE 0 END Priority
, Sequence = cast(1 as int)
, Rnk = cast(1 as int)
, L01_Change = 0
FROM ILRExtract.dbo.LEOP1213_AIMS_SN14 as AIMS
LEFT OUTER JOIN ILRExtract.dbo.LEOP1213_LEARNER_SN14 as L
ON AIMS.L01 = L.L01 and AIMS.L03 = L.L03
LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period SILR
ON SILR.IA_Return = AIMS.[Return] AND LEFT(AIMS.Year,4) = SILR.Year_ID

WHERE AIMS.A04 = 35
AND AIMS.A15 in (2,3,10,20,21)

```

UNION ALL

/*Employer Ownership Pilot*/

```

SELECT DataSource = CAST ('EOP1' as varchar (4))
, Year_ID = cast(2012 as int)
, AC_Year = cast('2012' as varchar(50))
, L01 = CAST (AIMS.Grant_Recipient_UPIN as INT)
, L03_New = CAST (AIMS.L03 as varchar(50))
, L01_Orig = CAST (AIMS.Grant_Recipient_UPIN as INT)
, L03_Orig = CAST (AIMS.L03 as varchar(50))
, L11 = cast(L.L11 as datetime)
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L25 = -1
, L44 = '-1'
, L_Age
, ULN = L.L45
, AIMS.A04
, AIMS.A05
, AIMS.A09
, AIMS.A10
, AIMS.A15
, A16 = -1
, AIMS.A23
, AIMS.A34
, AIMS.A35
, AIMS.A40
, AIMS.A44
, A49A = 'NA'
, ISNULL(AIMS.A26, -1) A26
, AIMS.A27
, AIMS.A28
, AIMS.A31
, A46a = 999
, A46b = 999
, A46c = 999
, A46d = 999
, A_ATA_Emp = -1
, a_agestb = CASE WHEN AIMS.a_agem BETWEEN 0 and 15 THEN 1
WHEN AIMS.a_agem BETWEEN 16 and 18 THEN 2
WHEN AIMS.a_agem BETWEEN 19 and 20 THEN 3

```

```

        WHEN AIMS.a_agest BETWEEN 21 and 24 THEN 4
        WHEN AIMS.a_agest BETWEEN 25 and 59 THEN 5
        WHEN AIMS.a_agest BETWEEN 60 and 120 THEN 6
        ELSE 9
    END
    , AIMS.a_agest
    , AIMS.A50
    , L.L39
    , p_prog_status = AIMS.P_PROG_STATUS
    , SILR.Period
    , A_TOTAL_Payment_Y2D = NULL
    , Case WHEN AIMS.A34 IN(4,6) THEN 1 ELSE 0 END Priority
    , Sequence = cast(1 as int)
    , Rnk = cast(1 as int)
    , L01_Change = 0

FROM ILRExtract.dbo.EOP1_1213_AIMS_SN14 as AIMS
LEFT OUTER JOIN ILRExtract.dbo.EOP1_1213_Learner_SN14 AS L
ON AIMS.Grant_Recipient_UPIN = L.Grant_Recipient_UPIN and AIMS.L03 =
L.L03

LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period SILR
ON SILR.IA_Return = AIMS.[IA_RETURN] AND LEFT(AIMS.Year,4) =
SILR.Year_ID

WHERE AIMS.A04 = 35
AND AIMS.A15 in (2,3,10,20,21)

CREATE CLUSTERED INDEX IDX_APPS_QSR_1213 ON MI_Warehouse_Staging.dbo.APPS_QSR_1213 (L01,
L03_New, A15, A26, L01_Change, Priority, A05 desc)

EXEC MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_1213', 'Sequence'
-----Drop and Create 11/12 Apps_Data-----
-----includes SILR and LEOP-----
EXEC MI_Warehouse_Staging.dbo.usp_DropTable 'APPS_QSR_1112'

SELECT DataSource = CAST ('ILR' as varchar (4))
,Year_ID = cast(2011 as int)
,AC_Year = cast('2011' as varchar(50))
,L01 = cast(ISNULL(M.L01_New, AIMS.L01) as int)
,L03_New = cast(isnull(M.L03_New, AIMS.L03) as varchar(50))
,L01_Orig = cast(AIMS.L01 as int)
,L03_Orig = cast(AIMS.L03 as varchar(50))
,L11 = cast(L.L11 as datetime)
,L.L12
,L.L13
,L.L14
,L.L15
,L.L16
,L.L17
,L25 = -1
,L44 = '-1'
,L_Age
,ULN = L.L45
,AIMS.A04
,AIMS.A05
,AIMS.A09
,AIMS.A10
,AIMS.A15

```

```

, AIMS.A16
, AIMS.A23
, AIMS.A34
, AIMS.A35
, AIMS.A40
, AIMS.A44
, AIMS.A49A
, A26          = ISNULL(AIMS.A26, -1)
, AIMS.A27
, AIMS.A28
, AIMS.A31
, AIMS.A46a
, AIMS.A46b
, A46c         = 999
, A46d         = 999
, A_ATA_Emp
, AIMS.a_gestb
, AIMS.a_gest
, AIMS.A50
, L.L39
, p_prog_status = CASE WHEN AIMS.A10 = 99 AND AIMS.A35 = 1 AND
AIMS.p_prog_status= 4 THEN 1
                ELSE AIMS.p_prog_status
                END
, SILR.Period
, PFUND.A_TOTAL_PAYMENT_Y2D
, Priority      = CASE WHEN AIMS.A34 IN(4, 6) THEN 1 ELSE 0 END
, Sequence     = cast(1 as int)
, Rnk          = cast(1 as int)
, L01_Change   = CASE WHEN ISNULL(M.L01_New, AIMS.L01) = AIMS.L01 THEN 0 ELSE 1
END
INTO MI_Warehouse_Staging.dbo.APPS_QSR_1112
FROM ILRExtract.dbo.SILR1112_AIMS as AIMS --change back when R11 is in
JOIN ILRExtract.dbo.SILR1112_LEARNER as L ON AIMS.L01 = L.L01 AND AIMS.L03 =
L.L03 -- as above
JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period SILR ON SILR.IA_Return =
AIMS.IA_Return AND AIMS.Year = SILR.Year
LEFT JOIN #ER_L03_Mergers M ON AIMS.L01 = M.L01 AND AIMS.L03 = M.L03
LEFT JOIN ILRExtract.dbo.SILR1112_PROG_FUNDING PFUND ON AIMS.L01 = PFUND.L01 AND
AIMS.L03 = PFUND.L03 AND AIMS.A05 = PFUND.A05
WHERE AIMS.A04 = 35
AND AIMS.A15 in (2,3,10, 20, 21)
AND NOT (aims.L01 = 110023 AND AIMS.a27 < convert(datetime, '01-04-2008', 105))
UNION ALL
/*Large Employer Outcome Pilot*/
SELECT      DataSource          = CAST ('LEOP' as varchar (4))
, Year_ID   = cast(2011 as int)
, AC_Year   = cast('2011' as varchar(50))
, L01       = CAST (AIMS.L01 as INT)
, L03_New   = CAST (AIMS.L03 as varchar(50))
, L01_Orig  = CAST (AIMS.L01 as INT)
, L03_Orig  = CAST (AIMS.L03 as varchar(50))
, L11      = cast(L.L11 as datetime)
, L.L12
, L.L13
, L.L14
, L15      = -1
, L16      = -1

```

```

,L.L17
,L25 = -1
,L44 = '-1'
,L_Age
,ULN = L.L45
,AIMS.A04
,AIMS.A05
,AIMS.A09
,AIMS.A10
,AIMS.A15
,A16 = -1
,AIMS.A23
,AIMS.A34
,AIMS.A35
,A40 = NULL
,A44 = -1
,A49A = 'NA'
,ISNULL(AIMS.A26, -1) A26
,AIMS.A27
,AIMS.A28
,AIMS.A31
,A46a = 999
,A46b = 999
,A46c = 999
,A46d = 999
,A_ATA_Emp = -1
,a_agestb = CASE WHEN AIMS.a_agest BETWEEN 0 and 15 THEN 1
                WHEN AIMS.a_agest BETWEEN 16 and 18 THEN 2
                WHEN AIMS.a_agest BETWEEN 19 and 20 THEN 3
                WHEN AIMS.a_agest BETWEEN 21 and 24 THEN 4
                WHEN AIMS.a_agest BETWEEN 25 and 59 THEN 5
                WHEN AIMS.a_agest BETWEEN 60 and 120 THEN 6
                ELSE 9
            END
,AIMS.a_agest
,A50 = -1
,L39 = 98
,p_prog_status = CASE WHEN AIMS.A31 IS NULL THEN 0 --continuing
                    WHEN AIMS.A35 = 1 THEN 1 --achieved
                    WHEN AIMS.A34 = 6 THEN 11 --planned break
                    WHEN AIMS.A34 in (4,5) THEN 8 --transfer new prog
                    ELSE 6 -- no achievement
            END
,SILR.Period
,A_TOTAL_Payment_Y2D = NULL
,Case WHEN AIMS.A34 IN(4,6) THEN 1 ELSE 0 END Priority
,Sequence = cast(1 as int)
,Rnk = cast(1 as int)
,L01_Change = 0

FROM ILRExtract.dbo.LEOP1112_AIMS_SN14 AS AIMS
LEFT OUTER JOIN ILRExtract.dbo.LEOP1112_LEARNER_SN14 AS L ON AIMS.L01 = L.L01
and AIMS.L03 = L.L03
LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period AS SILR ON
SILR.IA_Return = AIMS.[Return]
AND LEFT(AIMS.Year,4) = SILR.Year_ID
WHERE AIMS.A04 = 35

```

```
AND AIMS.A15 in (2,3,10,20,21)
```

```
CREATE CLUSTERED INDEX IDX_APPS_QSR_1112 ON MI_Warehouse_Staging.dbo.APPS_QSR_1112 (L01,  
L03_New, A15, A26, L01_Change, Priority, A05 desc)
```

```
EXEC MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_1112', 'Sequence'
```

```
-----Drop and Create 10/11 Apps_Data-----  
-----includes ILR-----
```

```
EXEC MI_Warehouse_Staging.dbo.usp_DropTable 'APPS_QSR_1011'  
SELECT DataSource = CAST ('ILR' as varchar (4))  
,Year_ID = cast(2010 as int)  
,AC_Year = cast('2010' as varchar(50))  
,L01 = cast(ISNULL(M.L01_New, AIMS.L01) as int)  
,L03_New = cast(isnull(M.L03_New, AIMS.L03) as varchar(50))  
,L01_Orig = cast(AIMS.L01 as int)  
,L03_Orig = cast(AIMS.L03 as varchar(50))  
,L11 = cast(L.L11 as datetime)  
,L.L12  
,L.L13  
,L.L14  
,L.L15  
,L.L16  
,L.L17  
,L25 = -1  
,L44 = '-1'  
,L_Age  
,ULN = L.L45  
,AIMS.A04  
,AIMS.A05  
,AIMS.A09  
,AIMS.A10  
,AIMS.A15  
,AIMS.A16  
,AIMS.A23  
,AIMS.A34  
,AIMS.A35  
,AIMS.A40  
,AIMS.A44  
,AIMS.A49  
,A26 = ISNULL(AIMS.A26, -1)  
,AIMS.A27  
,AIMS.A28  
,AIMS.A31  
,AIMS.A46a  
,AIMS.A46b  
,A46c = 999  
,A46d = 999  
,A_ATA_Emp = -1  
,AIMS.a_agestb  
,AIMS.a_agest  
,AIMS.A50  
,L.L39  
,AIMS.p_prog_status  
,L.period  
,PFUND.A_TOTAL_Payment_Y2D  
,Priority = Case WHEN AIMS.A34 IN(4, 6) THEN 1 ELSE 0 END  
,Sequence = cast(1 as int)  
,Rnk = cast(1 as int)
```



```

, L01_Change      = CASE WHEN ISNULL(M.L01_New, AIMS.L01) = AIMS.L01 THEN 0 ELSE
1 END

INTO      MI_Warehouse_Staging.dbo.APPS_QSR_1011

FROM      ILRExtract.dbo.ILR1011_ER_AIMS AS AIMS
JOIN      ILRExtract.dbo.ILR1011_ER_LEARNER AS L ON AIMS.L01 = L.L01 AND AIMS.L03 =
L.L03
LEFT JOIN #ER_L03_Mergers AS M ON AIMS.L01 = M.L01 AND AIMS.L03 = M.L03
LEFT JOIN ILRExtract.dbo.ILR1011_ER_PROG_FUNDING PFUND ON AIMS.L01 = PFUND.L01
AND AIMS.L03 = PFUND.L03 AND AIMS.A05 = PFUND.A05
WHERE     AIMS.A04 = 35
and AIMS.A15 in (2,3,10)

CREATE CLUSTERED INDEX IDX_APPS_QSR_1011 ON MI_Warehouse_Staging.dbo.APPS_QSR_1011(L01,
L03_New, A15, A26, L01_Change, Priority, A05 desc)

EXEC      MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_1011',
'Sequence'

EXEC      MI_Warehouse_Staging.dbo.usp_DropTable 'APPS_QSR_0910'

SELECT    DataSource      = CAST ('ILR' as varchar (4))
, Year_ID      = cast(2009 as int)
, AC_Year      = cast('2009' as varchar(50))
, L01          = cast(ISNULL(M.L01_New, AIMS.L01) as int)
, L03_New      = cast(isnull(M.L03_New, AIMS.L03) as varchar(50))
, L01_Orig     = cast(AIMS.L01 as int)
, L03_Orig     = cast(AIMS.L03 as varchar(50))
, L11         = cast(L11 as datetime)
, L12
, L13
, L14
, L15
, L16
, L17
, L25
, L44
, L_Age
, ULN = L45
, A04
, AIMS.A05
, A09
, A10
, A15
, A16
, A23
, A34
, A35
, A40
, A44
, A49
, A26         = ISNULL(A26, -1)
, A27
, A28
, A31
, A46a
, A46b

```

```

,A46c          = 999
,A46d          = 999
,A_ATA_EMP     = -1
,a_agemstb
,a_agemst
,A50
,L39
,p_prog_status
,period
,PFUND.A_TOTAL_Payment_Y2D
,Priority      = Case WHEN A34 IN(4, 6) THEN 1 ELSE 0 END
,Sequence     = cast(0 as int)
,Rnk          = cast(0 as int)
,L01_Change   = CASE WHEN ISNULL(M.L01_New, AIMS.L01) = AIMS.L01 THEN 0 ELSE
1 END

```

```

INTO MI_Warehouse_Staging.dbo.APPS_QSR_0910
FROM ILRExtract.dbo.ILR0910_E_AIMS AS AIMS
LEFT JOIN #ER_L03_Mergers AS M ON AIMS.L01 = M.L01 AND AIMS.L03 = M.L03
LEFT JOIN ILRExtract.dbo.ILR0910_E_PROG_FUNDING AS PFUND ON AIMS.L01 =
PFUND.L01 AND AIMS.L03 = PFUND.L03 AND AIMS.A05 = PFUND.A05
WHERE A04 = 35
and a15 in (2,3,10)

```

```

CREATE CLUSTERED INDEX IDX_APPS_QSR_0910 ON MI_Warehouse_Staging.dbo.APPS_QSR_0910(L01,
L03_New, A15, A26, L01_Change, Priority, A05 desc)

```

```

EXEC MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_0910',
'Sequence'

```

```

UPDATE P
SET Rnk = P.Sequence-P2.Sequence
,A_TOTAL_Payment_Y2D = Payments
FROM MI_Warehouse_Staging.dbo.APPS_QSR_0910 P
JOIN ( SELECT L01, L03_New, A15, A26, MIN(Sequence)-1 Sequence, SUM
(A_TOTAL_Payment_Y2D) Payments
FROM MI_Warehouse_Staging.dbo.APPS_QSR_0910
GROUP BY L01, L03_New, A15, A26) P2 ON P.L01 = P2.L01
AND P.L03_New = P2.L03_New
AND P.A15 = P2.A15
AND P.A26 = P2.A26

```

```

-----Drop and Create 08/09 Apps_Data-----
-----includes ILR-----

```

```

EXEC MI_Warehouse_Staging.dbo.usp_DropTable 'APPS_QSR_0809'

```

```

SELECT DataSource = CAST ('ILR' as varchar (4))
,Year_ID = cast(2008 as int)
,AC_Year = cast('2008' as varchar(50))
,L01 = cast(ISNULL(M.L01_New, AIMS.L01) as int)
,L03_New = cast(isnull(M.L03_New, AIMS.L03) as varchar(50))
,L01_Orig = cast(AIMS.L01 as int)
,L03_Orig = cast(AIMS.L03 as varchar(50))
,L11 = L11
,L12
,L13
,L14
,L15

```

```

,L16
,L17
,L25
,L44
,L_Age
,ULN = L45
,A04
,A05 = AIMS.A05
,A09
,A10
,A15
,A16
,A23
,A34
,A35
,A40
,A44
,A49
,A26          = ISNULL(A26, -1)
,A27
,A28
,A31
,A46a
,A46b
,A46c          = 999
,A46d          = 999
,A_ATA_EMP     = -1
,a_agestb
,a_agest
,A50
,L39
,p_prog_status
,period
,PFUND.A_TOTAL_Payment_Y2D
,Priority       = Case WHEN A34 IN(4, 6) THEN 1 ELSE 0 END
-- AIMS.L_DPLA,
,Sequence      = cast(0 as int)
,Rnk           = cast(0 as int)
,L01_Change    = CASE WHEN ISNULL(M.L01_New, AIMS.L01) = AIMS.L01 THEN 0 ELSE
1 END

```

```

INTO MI_Warehouse_Staging.dbo.APPS_QSR_0809
FROM ILRExtract.dbo.ILR0809_E_AIMS AS AIMS
LEFT JOIN #ER_L03_Mergers AS M ON AIMS.L01 = M.L01 AND AIMS.L03 = M.L03
LEFT JOIN ILRExtract.dbo.ILR0809_E_PROG_FUNDING AS PFUND ON AIMS.L01 = PFUND.L01
AND AIMS.L03 = PFUND.L03 AND AIMS.A05 = PFUND.A05

```

```

WHERE A04 = 35
      and a15 in (2,3,10)
      and not (aims.L01 = 110023 and a27 < convert(datetime,'01-04-2008', 105))

```

```

CREATE CLUSTERED INDEX IDX_APPS_QSR_0809 ON MI_Warehouse_Staging.dbo.APPS_QSR_0809(L01,
L03_New, A15, A26, L01_Change, Priority, A05 desc)

```

```

EXEC MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_0809',
'Sequence'

```

```

UPDATE      P
SET         Rnk = P.Sequence-P2.Sequence
           ,A_Total_Payment_Y2D = Payments
FROM       MI_Warehouse_Staging.dbo.APPS_QSR_0809 P
           JOIN (
               SELECT      L01, L03_New, A15, A26, MIN(Sequence)-1 Sequence, SUM
(A_TOTAL_Payment_Y2D) Payments
               FROM       MI_Warehouse_Staging.dbo.APPS_QSR_0809
               GROUP BY L01, L03_New, A15, A26) P2 ON P.L01 = P2.L01
           AND P.L03_New = P2.L03_New
           AND P.A15 = P2.A15
           AND P.A26 = P2.A26

```

----- Data collected into staging tables and sequenced and Ranked -----

```
EXEC MI_Warehouse_Staging.dbo.usp_DropTable 'APP_QSR_Combined_ER_Data'
```

```

SELECT      L.*
           ,L01_New      = CASE WHEN M.L01 IS NULL THEN L.L01
                               ELSE M.L01_New END
           , Nested      = ISNULL(M.Nested, 0)
           , LastRecord  = CAST(0 as int)
           , Sequence3   = CAST(0 as int)

INTO       MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data

FROM       (
           SELECT      * FROM MI_Warehouse_Staging.dbo.APPS_QSR_0809 WHERE Rnk = 1

           UNION

           SELECT      * FROM MI_Warehouse_Staging.dbo.APPS_QSR_0910 WHERE Rnk = 1

           ) L

           LEFT JOIN #MergerList M ON M.L01 = L.L01

```

--Delete duplicate records due to Merger,

```

DELETE     M2
FROM       MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data M
           JOIN MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data M2 ON M.Year_ID =
M2.Year_ID
           AND M.L01_New = M2.L01_New
           AND M.L03_New = M2.L03_New
           AND M.A15 = M2.A15
           AND M.A26 = M2.A26
           AND M.L01_Orig = M.L01_New
           AND M.L03_Orig = M.L03_New

WHERE     M2.L01_Orig != M2.L01_New

```

```

CREATE CLUSTERED INDEX IDX_ER_App_Combined_Data ON
MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data(L01_New, L03_New, A15, A26, Year_ID
DESC, Nested)

```

```

EXEC [MI_Warehouse_Staging].[dbo].[usp_CreateIdentityColumn]
'APP_QSR_Combined_ER_Data' , 'Sequence3'

```

```
UPDATE      P
```

```

SET          [LastRecord] = P.Sequence3-P2.Sequence3
FROM        MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data P
JOIN (      SELECT    L01_New, L03_New, A15, A26, MIN(Sequence3)-1 Sequence3
FROM        MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data L
GROUP BY   L01_New, L03_New, A15, A26) P2 ON P.L01_New = P2.L01_New
AND P.L03_New = P2.L03_New
AND P.A15 = P2.A15
AND P.A26 = P2.A26

```

```
-- MCL - Only valid at Year End
```

```

SELECT      M.*
INTO        #MCL_Match
FROM        ILRExtract.dbo.vw_ER_MCL_Mergers M
LEFT JOIN   (SELECT L01_New, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1011 WHERE Rnk = 1
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1112 WHERE Rnk = 1
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1213 WHERE Rnk = 1) A
ON A.L01_New = M.New_L01
AND A.L03_New = M.New_LRN
WHERE A.L01_New IS NULL

```

```

UPDATE      A
SET         L01 = M.Old_L01
,          L03_New = M.Old_LRN
FROM        MI_Warehouse_Staging.dbo.APPS_QSR_1314 A
JOIN        #MCL_Match M ON A.L01 = M.New_L01
AND A.L03_New = M.New_LRN
JOIN (      SELECT L01_New, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1011 WHERE Rnk = 1
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1112 WHERE Rnk = 1
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1213 WHERE Rnk = 1) B ON B.L01_New = M.Old_L01
AND B.L03_New = M.Old_LRN
AND A.A15 = B.A15
AND A.A26 = B.A26
AND A.A27 = B.A27

```

```
EXEC        MI_Warehouse_Staging.dbo.usp_DropTable 'QSR_APP_Merged'
```

```

SELECT      *
--Create matching control fields
, [Rank]    = CAST(0 as int)
, Matched   = CAST(0 As integer)
, MatchYear = CAST(0 As integer)
, MatchedRank = CAST(0 As integer)

```

```

, RankOrder      = CASE   WHEN A34 = 4 THEN 2
                   WHEN A40 IS NOT NULL THEN 1
                   ELSE 0
                   END

INTO      MI_Warehouse_Staging.dbo.QSR_APP_Merged
--Generate a unique id within each year
FROM      (  SELECT   2009 Year_ID
              , DataSource
              , CASE WHEN Min_Year_ID <> Max_Year_ID THEN 2089 ELSE Year_ID END AS
File_Year_ID
              , AC_Year, A.L01, A.L03_New, L01_Orig, L03_Orig, L11, L12, L13, L14, L15,
L16, L17,
              L25, L44,L_Age, ULN, A04, A05, A09, A10, A.A15, A16, A23, A34, A35, A40,
A44, A49, A.A26, A.A27, A28,
              A31, A46a, A46b,A46c,A46d,A_ATA_Emp, a_agemt, a_agemtb, A50, L39,
p_prog_status, period
              ,B.A_TOTAL_Payment_Y2D, Priority, Rnk, Sequence, A.L01_New
FROM      MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data A
JOIN      (  SELECT   L01_New
              , L03_New
              , A15
              , A26
              , SUM(A_TOTAL_Payment_Y2D) AS A_TOTAL_Payment_Y2D--,
Min(LastRecord) LastRec
              , MIN (Year_ID) AS Min_Year_ID
              , MAX (Year_ID) AS Max_Year_ID
FROM      MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data
GROUP BY L01_New, L03_New, A15, A26
              ) B
ON B.L01_New = A.L01_New
AND B.L03_New = A.L03_New
AND B.A15 = A.A15
AND B.A26 = A.A26

WHERE LastRecord = 1 AND A.L01_New != -1

UNION ALL
SELECT   Year_ID
        , DataSource
        , Year_ID File_Year_ID
        , AC_Year, L.L01, L03_New, L01_Orig, L03_Orig, L11, L12, L13, L14, L15,
L16, L17,
        L25, L44,L_Age,ULN, A04, A05, A09, A10, A15, A16, A23, A34, A35, A40, A44,
A49, A26, A27, A28,
        A31, A46a, A46b,A46c,A46d,A_ATA_Emp, a_agemt, a_agemtb, A50, L39,
p_prog_status, period
        ,A_TOTAL_Payment_Y2D, Priority, Rnk, Sequence
        , CASE WHEN M.L01 IS NULL THEN L.L01
              ELSE M.L01_New
        END L01_New
FROM      MI_Warehouse_Staging.dbo.APPS_QSR_1011 L
LEFT JOIN #MergerList M ON M.L01 = L.L01
UNION ALL
SELECT   Year_ID
        , DataSource
        , Year_ID File_Year_ID

```

```

        , AC_Year, L.L01, L03_New, L01_Orig, L03_Orig, L11, L12, L13, L14, L15,
L16, L17
        , L25, L44,L_Age,ULN, A04, A05, A09, A10, A15, A16, A23, A34, A35, A40,
CAST(A44 AS varchar) A44
        , A49A, A26, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp, a_agest,
a_agestb, A50, L39, p_prog_status, period
        ,A_TOTAL_Payment_Y2D, Priority, Rnk, Sequence
        , CASE WHEN M.L01 IS NULL THEN L.L01
            ELSE M.L01_New
        END L01_New
FROM MI_Warehouse_Staging.dbo.APPS_QSR_1112 L
LEFT JOIN #MergerList M ON M.L01 = L.L01
UNION ALL
SELECT Year_ID
        , DataSource
        , Year_ID File_Year_ID
        , AC_Year, L.L01, L03_New, L01_Orig, L03_Orig, L11, L12, L13, L14, L15,
L16, L17
        , L25, L44,L_Age,ULN, A04, A05, A09, A10, A15, A16, A23, A34, A35, A40,
CAST(A44 AS varchar) A44
        , A49A, A26, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp, a_agest,
a_agestb, A50, L39, p_prog_status, period
        ,A_TOTAL_Payment_Y2D, Priority, Rnk, Sequence
        , CASE WHEN M.L01 IS NULL THEN L.L01
            ELSE M.L01_New
        END L01_New
FROM MI_Warehouse_Staging.dbo.APPS_QSR_1213 L
LEFT JOIN #MergerList M ON M.L01 = L.L01
--To be added back in when R04 available
UNION ALL
SELECT Year_ID
        , DataSource
        , Year_ID File_Year_ID
        , AC_Year, L.L01, L03_New, L01_Orig, L03_Orig, L11, L12, L13, L14, L15,
L16, L17
        , L25, L44,L_Age,ULN, A04, A05, A09, A10, A15, A16, A23, A34, A35, A40,
CAST(A44 AS varchar) A44
        , A49A, A26, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp, a_agest,
a_agestb, A50, L39, p_prog_status, period
        ,A_TOTAL_Payment_Y2D, Priority, Rnk, Sequence
        , CASE WHEN M.L01 IS NULL THEN L.L01
            ELSE M.L01_New
        END L01_New
FROM MI_Warehouse_Staging.dbo.APPS_QSR_1314 L
LEFT JOIN #MergerList M ON M.L01 = L.L01

) D

WHERE L01_New != -1

CREATE CLUSTERED INDEX IDX_TTG_MT_0910 ON
MI_Warehouse_Staging.dbo.QSR_APP_Merged(Year_ID, L01_New, L03_New, A15, A26, A27, A28,
RankOrder DESC, A05)

--Ensure anything with an actual end date or is a transfer
--is seeded first
DECLARE @NextYear INT

```

```

SET @NextYear = @Year_ID+1
EXEC      [MI_Warehouse_Staging].[dbo].[usp_CreateIdentityColumn] 'QSR_APP_Merged',
'Rank'
EXEC      MI_Warehouse_Staging.system.[usp_APP_QSR_MatchProcess] 2009, @NextYear, 0
EXEC      MI_Warehouse_Staging.system.[usp_APP_QSR_MatchProcess] 2010, @NextYear, 0
EXEC      MI_Warehouse_Staging.system.[usp_APP_QSR_MatchProcess] 2011, @NextYear, 0
EXEC      MI_Warehouse_Staging.system.[usp_APP_QSR_MatchProcess] 2012, @NextYear, 0
EXEC      MI_Warehouse_Staging.system.[usp_APP_QSR_MatchProcess] 2013, @NextYear, 0
--Generate a row count
SELECT    'Dummy row forced'

--Force Match Year and Match Rank in prior matches to
--record the last found match
--Iterate until no more updates occur
WHILE @@RowCount != 0
BEGIN
    UPDATE  A
    SET      MatchYear = B.MatchYear
            , A.MatchedRank = B.MatchedRank
    FROM    MI_Warehouse_Staging.dbo.QSR_APP_Merged A
    JOIN    MI_Warehouse_Staging.dbo.QSR_APP_Merged B ON B.Year_ID = A.MatchYear
            AND B.Rank = A.MatchedRank

    WHERE  A.MatchedRank != 0
            AND B.MatchedRank != 0
END

EXEC  MI_Warehouse_Staging.dbo.usp_DropTable 'App_QSR_Data'

DECLARE @Date Date

SET @Date = CAST('31-Jul-' + CAST(@Year_ID+1 AS VARCHAR) AS DATE)

--Reset Period based on the current file
SELECT  Period
        , P_Period_End_Overall = CASE WHEN P.IA_Return = 14 or P.IA_ReturnDate > @Date
THEN @Date ELSE P.IA_ReturnDate END
        , P_Period_End_Timely   = CASE WHEN P.IA_Return = 14 or P.IA_ReturnDate > @Date
THEN @Date ELSE DateAdd(d,-90,P.IA_ReturnDate) END
        , @Year_ID p_year_per
        , P.IA_Return
INTO #Period
FROM ( SELECT *
      FROM MI_Warehouse.MetaData.SILR_IA_Return_To_Period
      Where IA_Return IN( SELECT Top 1 IA_Return
                        FROM ILRExtract.dbo.SILR1213_LEARNER
                        ) AND Year_ID = @Year_ID)P

--use new lookup to add fwk, ssat1 and ssat2 to apps dataset--

SELECT  A26 = A26.FRAMEWORK_CODE
        , A_SSA_T1 = A26.FRAMEWORK_SSA_T1
        , A_SSA_T2 = A26.FRAMEWORK_SSA_T2
INTO #SSA
FROM MI_DEV_TEMP.LookUps.Full_Framework_Relationships A26

SELECT  LA.*
        , CASE      WHEN a_agemtb IN(1,2) THEN 1 --'16-18'
                    WHEN a_agemtb IN(3,4) THEN 2 --'19-24'

```



```

ELSE 3 --'25+'
END age_band
, CASE WHEN p_prog_status = 1
AND ISNULL(A31, P.P_Period_End_Overall) <= P.P_Period_End_Overall
THEN 1 ELSE 0 END p_frm_ach_Overall
, CASE WHEN p_prog_status = 1
AND ISNULL(A31, DateAdd(d, 90, P.P_Period_End_Timely)) <= DateAdd(d,
90, P.P_Period_End_Timely) THEN 1 ELSE 0 END p_frm_ach_Timely
, CASE WHEN p_prog_status IN(7,8,10) AND A31 <= P.P_Period_End_Overall AND A28 <=
P.P_Period_End_Overall THEN 1 ELSE 0 END p_Trans_Overall
, CASE WHEN p_prog_status IN(11,12) AND A31 <= P.P_Period_End_Overall AND A28 <=
P.P_Period_End_Overall THEN 1 ELSE 0 END p_plan_break_Overall
, CASE WHEN p_prog_status IN(7,8,10) AND A31 <= DateAdd(d, 90,
P.P_Period_End_Timely) AND A28 <= P.P_Period_End_Timely THEN 1 ELSE 0 END
p_Trans_Timely
, CASE WHEN p_prog_status IN(11,12) AND A31 <= DateAdd(d, 90,
P.P_Period_End_Timely) AND A28 <= P.P_Period_End_Timely THEN 1 ELSE 0 END
p_plan_break_Timely
, CASE WHEN A31 IS NOT NULL AND A31 <= P.P_Period_End_Overall AND A28 <=
P.P_Period_End_Overall THEN 1 ELSE 0 END p_leavers_Overall
, CASE WHEN DatePart(m, LA.A27) >= 8 THEN DatePart(yy, LA.A27)
WHEN DatePart(m, LA.A27) < 8 THEN DatePart(yy, LA.A27)-1
ELSE 0
END P_StartYr
, CASE WHEN A31 > P.P_Period_End_Overall THEN @Year_ID+0.5
WHEN DatePart(m, LA.A31) >= 8 THEN DatePart(yy, LA.A31)
WHEN DatePart(m, LA.A31) < 8 THEN DatePart(yy, LA.A31)-1
ELSE 0
END P_ActEndYr
, CASE WHEN A28 > P.P_Period_End_Timely THEN @Year_ID+0.5
WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
ELSE 0
END P_ExpEndYr
, CASE WHEN A28 > P.P_Period_End_Overall THEN @Year_ID+0.5
WHEN DatePart(m, LA.a28) >= 8 THEN DatePart(yy, LA.a28)
WHEN DatePart(m, LA.a28) < 8 THEN DatePart(yy, LA.a28)-1
ELSE 0
END P_ExpEndYr_Overall
, P.p_year_per
, P.P_Period_End_Overall
, P.P_Period_End_Timely
, P.Period LastestPeriod
, CAST(0 AS INT) Exclude_MCL
INTO MI_Warehouse_Staging.dbo.App_QSR_Data
FROM ( SELECT A.*, B.Funded, P_In_0809, P_In_0910, P_In_1011, P_In_1112, P_In_1213,
P_In_1314, B.A_TOTAL_PAYMENT
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN ( SELECT Case WHEN MatchYear = 0 THEN Year_ID ELSE MatchYear END
Year_ID
, Case WHEN MatchedRank = 0 THEN Rank ELSE MatchedRank END
RANK
, Max(CASE WHEN A10 < 99 THEN 1 ELSE 0 END) Funded
, MAX(CASE WHEN File_Year_ID IN (2008, 2009) THEN 1 ELSE 0
END) P_In_0809

```

```

, MAX(CASE WHEN File_Year_ID IN (2009, 2089) THEN 1 ELSE 0
END) P_In_0910
, MAX(CASE WHEN AC_Year = 2010 THEN 1 ELSE 0 END) P_In_1011
, MAX(CASE WHEN AC_Year = 2011 THEN 1 ELSE 0 END) P_In_1112
, MAX(CASE WHEN AC_Year = 2012 THEN 1 ELSE 0 END) P_In_1213
, MAX(CASE WHEN AC_Year = 2013 THEN 1 ELSE 0 END) P_In_1314
, SUM(A_TOTAL_Payment_Y2D) A_TOTAL_PAYMENT
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
GROUP BY Case WHEN MatchYear = 0 THEN Year_ID ELSE MatchYear END
, Case WHEN MatchedRank = 0 THEN Rank ELSE MatchedRank END ) B
ON A.Year_ID = B.Year_ID
AND A.Rank
= B.Rank) LA
CROSS JOIN #Period P

```

```

CREATE CLUSTERED INDEX IDX_App_QSR_Data ON MI_Warehouse_Staging.dbo.App_QSR_Data(L01_New,
L03_New, A15, A26, Year_ID DESC)

```

```

CREATE INDEX IDX_App_QSR_Data_L01_L03 ON MI_Warehouse_Staging.dbo.App_QSR_Data(L01_New,
L03_New)

```

```

CREATE INDEX IDX_App_QSR_Data_L01_L03_A15_A26_A27 ON
MI_Warehouse_Staging.dbo.App_QSR_Data(L01_New, L03_New, A15, A26, A27)

```

```

----- SELECT the Data into the MASTER TRIM table -----
-----

```

```

UPDATE MT
SET Exclude_MCL = 1
FROM MI_Warehouse_Staging.dbo.App_QSR_Data MT
JOIN ILRExtract.dbo.vw_ER_MCL_Mergers M ON M.Old_L01 = MT.L01
AND M.Old_LRN = MT.L03_New
JOIN MI_Warehouse_Staging.dbo.App_QSR_Data MTN ON M.New_L01 = MTN.L01_New
AND M.New_LRN = MTN.L03_New
AND MT.A15 = MTN.A15
AND MT.A26 = MTN.A26
AND MT.AC_Year <= MTN.AC_Year
WHERE MT.AC_Year != 2012

```

```

--Update File_Year_ID where reocrds appear in both 08/09 and 09/10 from 2089 to 2009

```

```

UPDATE MT
SET File_Year_ID = 2009
FROM MI_Warehouse_Staging.dbo.App_QSR_Data MT
WHERE MT.File_Year_ID = 2089

```

```

EXEC QSR_P12.system.usp_DropTable 'SR1213_APPS_R14'

```

```

SELECT DataSource = D.DataSource,
--D.File_Year_ID ,
L01 = D.L01_New,
L03 = D.L03_New,
A10 = D.A10,
Funded = D.Funded,
A15 = D.A15,
A23 = D.A23,
A26 = D.A26,
A27 = D.A27,
A28 = D.A28,

```

```

A31          = D.A31,
A34          = D.A34,
A35          = D.A35,
D.A40,
--D.A50,
A46A        = D.A46a,
A46B        = D.A46b,
A46C        = D.A46c,
A46D        = D.A46d,
A44         = D.A44,
A_AGESTB    = D.a_agestb,
D.A_AgeSt,
P_PROG_STATUS      = D.p_prog_status,
IA_Return         = (SELECT IA_Return FROM #Period),
L11              = D.L11,
L12              = D.L12,
L13              = D.L13,
L14              = D.L14,
L15              = D.L15,
L16              = D.L16,
ULN              = D.ULN,
L17              = D.L17,
P_In_1314        = D.P_In_1314,
p_in_1213        = D.p_in_1213,
p_in_1112        = D.p_in_1112,
p_in_1011        = D.p_in_1011,
p_in_0910        = D.p_in_0910,
p_in_0809        = D.p_in_0809,
D.p_trans_Overall,
D.p_plan_break_Overall,
D.p_trans_Timely,
D.p_plan_break_Timely,
p_startyr        = D.p_startyr,
p_actendyr        = D.p_actendyr,
p_expendyr        = D.p_expendyr,
age_band         = D.age_band,
p_year_per        = D.p_year_per
,P_HybridEndYr   = CASE WHEN p_actendyr = 0 THEN @Year_ID+0.5
                   WHEN P_ExpEndYr_Overall >= p_actendyr THEN P_ExpEndYr_Overall
                   ELSE p_actendyr
                   END
,P_COUNT_OVERALL = CASE WHEN p_leavers_Overall =1
                   AND p_trans_Overall=0
                   AND p_plan_break_Overall=0
                   AND CASE WHEN P_ExpEndYr_Overall >= p_actendyr
                   THEN P_ExpEndYr_Overall
                   ELSE p_actendyr
                   END BETWEEN 2007 AND 2012 THEN 1
                   ELSE 0
                   END
,P_FRM_ACH_OVERALL = CASE WHEN p_leavers_Overall =1
                   AND p_trans_Overall = 0
                   AND p_plan_break_Overall = 0
                   AND CASE WHEN P_ExpEndYr_Overall >= p_actendyr
                   THEN P_ExpEndYr_Overall
                   ELSE p_actendyr END BETWEEN 2007 AND 2012
                   THEN P_FRM_ACH_Overall
                   ELSE 0

```

```

        END

,P_COUNT_TIMELY      = CASE WHEN p_trans_Timely =0
AND p_plan_break_Timely =0
AND p_expendyr BETWEEN 2007 AND 2012 THEN 1
ELSE 0
END

,P_FRM_ACH_TIMELY = CASE WHEN p_trans_Timely=0
AND p_plan_break_Timely =0
AND p_expendyr BETWEEN 2007 AND 2012
AND DateDiff(d,D.A28,D.A31) <= 90 THEN P_FRM_ACH_Timely
ELSE 0
END

, PRV_NAME          = U.PRV_NAME
, PRV_Type          = U.PRV_Type
, L46               = U.l46
, L01_orig          = D.L01_orig
, L03_orig          = D.L03_orig
, D.P_Period_End_Overall
, D.P_Period_End_Timely
, A_SSA_T1          = ISNULL(SSA.A_SSA_T1, 'NA')
, A_SSA_T2          = ISNULL(SSA.A_SSA_T2, 'NA')
, D.A_TOTAL_PAYMENT

INTO QSR_P12.dbo.SR1213_APPS_R14 --needs changing back to ILRExtract after testing (or
needs copying onto ILRExtract)

FROM MI_Warehouse_Staging.dbo.App_QSR_Data D
LEFT JOIN ILRExtract.dbo.ER_QSR_App_Exclusions E ON E.L01 = D.L01_New
AND E.L03 = D.L03_New
AND E.A15 = D.A15
AND E.A26 = D.A26
AND E.A27 = D.A27

JOIN ILRExtract.dbo.SILR1213_PROVIDER_DETAILS U ON D.L01_New = U.L01
LEFT JOIN #SSA SSA ON SSA.A26 = D.A26
WHERE E.L01 IS NULL
AND D.Exclude_MCL = 0
AND 125 NOT IN(A46a, A46b, A46c, A46d) --LR Coded as ER
AND (127 NOT IN(A46a, A46b, A46c, A46d) OR A_ATA_Emp = 1)
--Restrict to Years that we are reporting on and interested in.
AND (
    p_expendyr IN(2010,2011,2012)
    OR
    CASE WHEN p_actendyr = 0 then 9999
        WHEN P_ExpEndYr_Overall >= p_actendyr THEN P_ExpEndYr_Overall
        ELSE p_actendyr
    END IN(2010,2011,2012)
)

DELETE FROM QSR_P12.dbo.SR1213_APPS_R14 --needs changing back to ILRExtract after
testing (or needs copying onto ILRExtract)
WHERE datediff(d, a27,a31) < 6*7
AND p_prog_status != 1

DELETE FROM QSR_P12.dbo.SR1213_APPS_R14
WHERE DataSource = 'EOP1'

```

```

ALTER TABLE QSR_P12.dbo.SR1213_APPS_R14 Add Transaction_ID int identity

CREATE UNIQUE CLUSTERED INDEX SR1213_APPS_R14 ON QSR_P12.dbo.SR1213_APPS_R14
(Transaction_ID)

CREATE INDEX IDX_SR1213_APPS_L01_L03_A15_A26 ON QSR_P12.dbo.SR1213_APPS_R14 (L01, L03,
A15, A26)

END
RETURN(0)
GO
-----
--APPS Matching Process;
--matches records across years, to identify the latest record
CREATE PROCEDURE [System].[usp_APP_QSR_MatchProcess]
(
    @Year_ID INT ,
    @MaxYear_ID INT ,
    @ConstrainMatch INT
)
AS
DECLARE @NextYear_ID INT
DECLARE @RowCheck INT

UPDATE A
SET     Matched = 0 ,
        MatchYear = 0 ,
        MatchedRank = 0
FROM    MI_Warehouse_Staging.dbo.QSR_APP_Merged A
WHERE   Year_ID >= @Year_ID
        AND Matched != 0

SELECT @NextYear_ID = @Year_ID + 1

WHILE @NextYear_ID <= @MaxYear_ID
    BEGIN

        SELECT @RowCheck = 1

        WHILE @RowCheck != 0
            BEGIN

                SELECT A.Year_ID Year1 ,
                       A.Rank Rank1 ,
                       B.Year_ID Year2 ,
                       B.Rank Rank2
                INTO #Match
                FROM ( SELECT Year_ID ,
                              L01_New ,
                              L03_New ,
                              A15 ,
                              A26 ,
                              A27 ,
                              A28 ,
                              A40 ,

```

```

MAX(Rank) Rank
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
WHERE A.Year_ID IN ( @Year_ID )
AND MatchYear < @NextYear_ID
GROUP BY Year_ID ,
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A28 ,
A40
) A
JOIN ( SELECT A.Year_ID ,
A.L01_New ,
A.L03_New ,
A.A15 ,
A.A26 ,
A.A27 ,
A.A28 ,
A.A40 ,
MAX(A.Rank) Rank
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN ( SELECT DISTINCT
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A28 ,
A40
FROM
MI_Warehouse_Staging.dbo.QSR_APP_Merged A
WHERE A.Year_ID IN (
@Year_ID )
AND MatchYear < @NextYear_ID
) B ON A.L01_New = B.L01_New
AND A.L03_New = B.L03_New
AND A.A15 = B.A15
AND A.A26 = B.A26
AND A.A27 = B.A27
AND A.A28 = B.A28
AND A.A40 = B.A40
WHERE A.Year_ID IN ( @NextYear_ID )
AND A.Matched = 0
GROUP BY A.Year_ID ,
A.L01_New ,
A.L03_New ,
A.A15 ,
A.A26 ,
A.A27 ,
A.A28 ,
A.A40
) B ON A.L01_New = B.L01_New
AND A.L03_New = B.L03_New
AND A.A15 = B.A15
AND A.A26 = B.A26
AND A.A27 = B.A27

```

```

AND A.A28 = B.A28
AND A.A40 = B.A40

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
MatchYear = B.Year2 ,
MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN #Match B ON A.Year_ID = B.Year1
AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,
MatchYear = @Year_ID ,
MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN #Match B ON A.Year_ID = B.Year2
AND A.Rank = B.Rank2

DROP TABLE #Match

END

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

SELECT A.Year_ID Year1 ,
A.Rank Rank1 ,
B.Year_ID Year2 ,
B.Rank Rank2
INTO #Match2
FROM ( SELECT Year_ID ,
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A28 ,
MAX(Rank) Rank
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
WHERE A.Year_ID IN ( @Year_ID )
AND MatchYear < @NextYear_ID
GROUP BY Year_ID ,
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A28
) A
JOIN ( SELECT A.Year_ID ,
A.L01_New ,

```

```

        A.L03_New ,
        A.A15 ,
        A.A26 ,
        A.A27 ,
        A.A28 ,
        MAX(A.Rank) Rank
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
    JOIN ( SELECT DISTINCT
            L01_New ,
            L03_New ,
            A15 ,
            A26 ,
            A27 ,
            A28
          FROM
MI_Warehouse_Staging.dbo.QSR_APP_Merged A
          WHERE A.Year_ID IN (
                @Year_ID )
                AND MatchYear < @NextYear_ID
          ) B ON A.L01_New = B.L01_New
            AND A.L03_New = B.L03_New
            AND A.A15 = B.A15
            AND A.A26 = B.A26
            AND A.A27 = B.A27
            AND A.A28 = B.A28
WHERE A.Year_ID IN ( @NextYear_ID )
AND A.Matched = 0
GROUP BY A.Year_ID ,
        A.L01_New ,
        A.L03_New ,
        A.A15 ,
        A.A26 ,
        A.A27 ,
        A.A28
) B ON A.L01_New = B.L01_New
AND A.L03_New = B.L03_New
AND A.A15 = B.A15
AND A.A26 = B.A26
AND A.A27 = B.A27
AND A.A28 = B.A28

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
    MatchYear = B.Year2 ,
    MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
    JOIN #Match2 B ON A.Year_ID = B.Year1
                    AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,
    MatchYear = @Year_ID ,
    MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A

```



```

JOIN #Match2 B ON A.Year_ID = B.Year2
AND A.Rank = B.Rank2

```

```

DROP TABLE #Match2

```

```

END

```

```

---
```

```

SELECT @RowCheck = 1

```

```

WHILE @RowCheck != 0

```

```

BEGIN

```

```

SELECT A.Year_ID Year1 ,
A.Rank Rank1 ,
B.Year_ID Year2 ,
B.Rank Rank2

```

```

INTO #Match3

```

```

FROM ( SELECT Year_ID ,
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A40 ,

```

```

MAX(Rank) Rank

```

```

FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A

```

```

WHERE A.Year_ID IN ( @Year_ID )

```

```

AND MatchYear < @NextYear_ID

```

```

GROUP BY Year_ID ,
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A40

```

```

) A

```

```

JOIN ( SELECT A.Year_ID ,
A.L01_New ,
A.L03_New ,
A.A15 ,
A.A26 ,
A.A27 ,
A.A40 ,

```

```

MAX(A.Rank) Rank

```

```

FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A

```

```

JOIN ( SELECT DISTINCT
L01_New ,
L03_New ,
A15 ,
A26 ,
A27 ,
A.A40

```

```

FROM

```

```

MI_Warehouse_Staging.dbo.QSR_APP_Merged A

```

```

WHERE A.Year_ID IN (
@Year_ID )

```

```

AND MatchYear < @NextYear_ID

```

```

) B ON A.L01_New = B.L01_New
      AND A.L03_New = B.L03_New
      AND A.A15 = B.A15
      AND A.A26 = B.A26
      AND A.A27 = B.A27
      AND A.A40 = B.A40
WHERE   A.Year_ID IN ( @NextYear_ID )
      AND A.Matched = 0
GROUP BY A.Year_ID ,
         A.L01_New ,
         A.L03_New ,
         A.A15 ,
         A.A26 ,
         A.A27 ,
         A.A40
) B ON A.L01_New = B.L01_New
      AND A.L03_New = B.L03_New
      AND A.A15 = B.A15
      AND A.A26 = B.A26
      AND A.A27 = B.A27
      AND A.A40 = B.A40

SELECT @RowCheck = @@RowCount

UPDATE A
SET     Matched = 1 ,
       MatchYear = B.Year2 ,
       MatchedRank = B.Rank2
FROM   MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN   #Match3 B ON A.Year_ID = B.Year1
       AND A.Rank = B.Rank1

UPDATE A
SET     Matched = 1 ,
       MatchYear = @Year_ID ,
       MatchedRank = B.Rank1
FROM   MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN   #Match3 B ON A.Year_ID = B.Year2
       AND A.Rank = B.Rank2

DROP TABLE #Match3

END

SELECT @RowCheck = 1

WHILE @RowCheck != 0
BEGIN

    SELECT A.Year_ID Year1 ,
           A.Rank Rank1 ,
           B.Year_ID Year2 ,
           B.Rank Rank2
    INTO   #Match4
    FROM   ( SELECT Year_ID ,
                    L01_New ,
                    L03_New ,
                    A15 ,

```

```

        A26 ,
        A27 ,
        MAX(Rank) Rank
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
WHERE A.Year_ID IN ( @Year_ID )
      AND MatchYear < @NextYear_ID
GROUP BY Year_ID ,
         L01_New ,
         L03_New ,
         A15 ,
         A26 ,
         A27
) A
JOIN ( SELECT A.Year_ID ,
            A.L01_New ,
            A.L03_New ,
            A.A15 ,
            A.A26 ,
            A.A27 ,
            MAX(A.Rank) Rank
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
      JOIN ( SELECT DISTINCT
            L01_New ,
            L03_New ,
            A15 ,
            A26 ,
            A27
            FROM
MI_Warehouse_Staging.dbo.QSR_APP_Merged A
            WHERE A.Year_ID IN (
@Year_ID )
          AND MatchYear < @NextYear_ID
) B ON A.L01_New = B.L01_New
      AND A.L03_New = B.L03_New
      AND A.A15 = B.A15
      AND A.A26 = B.A26
      AND A.A27 = B.A27
WHERE A.Year_ID IN ( @NextYear_ID )
      AND A.Matched = 0
GROUP BY A.Year_ID ,
         A.L01_New ,
         A.L03_New ,
         A.A15 ,
         A.A26 ,
         A.A27
) B ON A.L01_New = B.L01_New
      AND A.L03_New = B.L03_New
      AND A.A15 = B.A15
      AND A.A26 = B.A26
      AND A.A27 = B.A27

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
    MatchYear = B.Year2 ,
    MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A

```

```

        JOIN #Match4 B ON A.Year_ID = B.Year1
                        AND A.Rank = B.Rank1

UPDATE A
SET     Matched = 1 ,
        MatchYear = @Year_ID ,
        MatchedRank = B.Rank1
FROM   MI_Warehouse_Staging.dbo.QSR_APP_Merged A
        JOIN #Match4 B ON A.Year_ID = B.Year2
                        AND A.Rank = B.Rank2

DROP TABLE #Match4

END

--###

IF @ConstrainMatch != 1
BEGIN

    SELECT @RowCheck = 1

    WHILE @RowCheck != 0
        BEGIN

            SELECT A.Year_ID Year1 ,
                   A.Rank Rank1 ,
                   B.Year_ID Year2 ,
                   B.Rank Rank2
            INTO #Match5
            FROM ( SELECT Year_ID ,
                          L01_New ,
                          L03_New ,
                          A15 ,
                          A26 ,
                          MAX(Rank) Rank
                   FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
                   WHERE A.Year_ID IN ( @Year_ID )
                          AND MatchYear < @NextYear_ID
                   GROUP BY Year_ID ,
                          L01_New ,
                          L03_New ,
                          A15 ,
                          A26
                 ) A
            JOIN ( SELECT A.Year_ID ,
                          A.L01_New ,
                          A.L03_New ,
                          A.A15 ,
                          A.A26 ,
                          MAX(A.Rank) Rank
                 FROM
MI_Warehouse_Staging.dbo.QSR_APP_Merged A
                 JOIN ( SELECT DISTINCT
                          L01_New ,
                          L03_New ,
                          A15 ,
                          A26

```

```

FROM
MI_Warehouse_Staging.dbo.QSR_APP_Merged A

WHERE
    A.Year_ID IN (
        @Year_ID )
    AND MatchYear <

@NextYear_ID

) B ON A.L01_New = B.L01_New
    AND A.L03_New = B.L03_New
    AND A.A15 = B.A15
    AND A.A26 = B.A26

WHERE A.Year_ID IN (
    @NextYear_ID )
    AND A.Matched = 0

GROUP BY A.Year_ID ,
    A.L01_New ,
    A.L03_New ,
    A.A15 ,
    A.A26

) B ON A.L01_New = B.L01_New
    AND A.L03_New = B.L03_New
    AND A.A15 = B.A15
    AND A.A26 = B.A26

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1 ,
    MatchYear = B.Year2 ,
    MatchedRank = B.Rank2
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN #Match5 B ON A.Year_ID = B.Year1
    AND A.Rank = B.Rank1

UPDATE A
SET Matched = 1 ,
    MatchYear = @Year_ID ,
    MatchedRank = B.Rank1
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged A
JOIN #Match5 B ON A.Year_ID = B.Year2
    AND A.Rank = B.Rank2

DROP TABLE #Match5

END
END

SELECT @NextYear_ID = @NextYear_ID + 1

END

RETURN(0)

GO

```

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