



Skills Funding Agency

Qualification success rates 2013/2014

SQL code used to produce the success rates datasets

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Skills Funding Agency

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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 2013/2014 success rate datasets for classroom learning, workplace learning and apprenticeships, from the information provided in Individualised Learner Records and the Large Employer Ownership Pilot.
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:
 - CL QSR Data Set Production 2013-14 v1.7.pdf
 - WPL_QSR_Dataset_Production_R14_1314_V1.7.pdf
 - APPS_QSR_Dataset_Production_R14_1314_V1.5.pdf

These documents are available from the Skills Funding Agency website (at www.gov.uk/government/publications/sfa-qualification-success-rates-business-rules).

3. If you need more information you can phone the service desk on 0370 267 0001 or email servicedesk@sfa.bis.gov.uk. Please provide a detailed explanation of your query.

Combined classroom learning and workplace learning dataset production

```
SELECT    Period
          , P_Period_End_Overall   = '31-Jul-2014'
          , P_Period_End_Timely    = '31-Jul-2014'
          , P_Year_Per             = 2013
          , IA_Return              = 14
          , ReportingYear          = 2013
          , NextYear              = 2014
INTO      Temp.Period

EXEC [system].[usp_SR1314_ProviderLookup]

EXEC [system].[usp_SR1314_Aims_HierarchyLookup]

EXEC [system].[usp_SR1314_MergersLookups] 2013-- 2013

--Identify matches across years

BEGIN

    TRUNCATE TABLE dbo.QSR_AIM_Match_Harvest
    TRUNCATE TABLE Temp.QSR_Aim_Matching

    --Gets the data required to undertake matching
    --from a specific year, in this case 2009
    EXEC [System].[usp_QSR_Aim_Match_Harvest] 2009

    EXEC [System].[usp_QSR_Aim_Match_Harvest] 2010

    DROP TABLE Temp.QSR_Aim_Matching

    SELECT *
    INTO Temp.QSR_Aim_Matching
    FROM dbo.QSR_AIM_Match_Harvest

    CREATE UNIQUE CLUSTERED INDEX UNQ_CLUS_IDX_Matching_Year_ID_Rank ON
Temp.QSR_Aim_Matching(Year_ID, [Rank])
    CREATE INDEX IDX_Matching1 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef)
    CREATE INDEX IDX_Matching2 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, LearnStartDate)
    CREATE INDEX IDX_Matching3 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)
    CREATE INDEX IDX_Matching4 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)

    EXEC system.usp_QSR_Aim_MatchProcess 2009

    TRUNCATE TABLE dbo.QSR_AIM_Match_Harvest

    EXEC [System].[usp_QSR_Aim_Match_Harvest] 2011

    DROP TABLE Temp.QSR_Aim_Matching

    SELECT *
    INTO Temp.QSR_Aim_Matching
    FROM dbo.QSR_AIM_Match_Harvest
```

```

CREATE UNIQUE CLUSTERED INDEX UNQ_CLUS_IDX_Matching_Year_ID_Rank ON
Temp.QSR_Aim_Matching(Year_ID, [Rank])
CREATE INDEX IDX_Matching1 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef)
CREATE INDEX IDX_Matching2 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, LearnStartDate)
CREATE INDEX IDX_Matching3 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)
CREATE INDEX IDX_Matching4 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)

EXEC system.usp_QSR_Aim_MatchProcess 2010

--2012
TRUNCATE TABLE dbo.QSR_AIM_Match_Harvest

EXEC [System].[usp_QSR_Aim_Match_Harvest] 2012

DROP TABLE Temp.QSR_Aim_Matching

SELECT *
INTO Temp.QSR_Aim_Matching
FROM dbo.QSR_AIM_Match_Harvest

CREATE UNIQUE CLUSTERED INDEX UNQ_CLUS_IDX_Matching_Year_ID_Rank ON
Temp.QSR_Aim_Matching(Year_ID, [Rank])
CREATE INDEX IDX_Matching1 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef)
CREATE INDEX IDX_Matching2 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, LearnStartDate)
CREATE INDEX IDX_Matching3 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)
CREATE INDEX IDX_Matching4 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)

EXEC system.usp_QSR_Aim_MatchProcess 2011

--2013
TRUNCATE TABLE dbo.QSR_AIM_Match_Harvest

EXEC [System].[usp_QSR_Aim_Match_Harvest] 2013

DROP TABLE Temp.QSR_Aim_Matching

SELECT *
INTO Temp.QSR_Aim_Matching
FROM dbo.QSR_AIM_Match_Harvest

CREATE UNIQUE CLUSTERED INDEX UNQ_CLUS_IDX_Matching_Year_ID_Rank ON
Temp.QSR_Aim_Matching(Year_ID, [Rank])
CREATE INDEX IDX_Matching1 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef)
CREATE INDEX IDX_Matching2 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, LearnStartDate)
CREATE INDEX IDX_Matching3 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)
CREATE INDEX IDX_Matching4 ON Temp.QSR_Aim_Matching(Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)

EXEC system.usp_QSR_Aim_MatchProcess 2012

DROP TABLE Temp.QSR_Aim_Latest

```

```

SELECT    Year_ID = A.SourceYear_ID

, A.DataSource
, A.Transaction_ID
, A.UPIN_New          UPIN
, A.UKPRN
, A.LearnRefNumber_New LearnRefNumber
, A.UPIN              UPIN_Orig
, A.LearnRefNumber    LearnRefNumber_Orig
, A.LearnAimRef
, A.FundModel
, A.LearnStartDate
, A.LearnPlanEndDate
, A.LearnActEndDate
, A.CompStatus
, A.WithdrawReason
, A.AimSeqNumber
, B.A_TO_DATE_SLN_PAYMENT
, B.A_TOTAL_PAYMENT
, B.EFA_Funded
, A.P_StartYr
, A.P_ExpEndYr

, RANK() OVER(PARTITION BY 1
              ORDER BY UPIN_New
                    , LearnRefNumber_New
                    , LearnAimRef
                    , LearnStartDate
                    , LearnPlanEndDate
                    , CASE WHEN CompStatus = 4 THEN 2
                          WHEN WithdrawReason = 7 THEN 2
                          WHEN LearnActEndDate IS NOT NULL THEN 1
                          ELSE 0
                    END DESC
                    , AimSeqNumber) [Rank]
, CAST(0 AS INT) [MATCHED]

, CAST(0 AS INT) MatchYear

, CAST(0 AS INT) MatchedRank

, In_LR = B.In_LR | B.In_LR_0910 | B.In_LR_1011 | B.In_LR_1112 | B.In_LR_1213
| B.In_LR_1314
, EFA_Funded_Latest = A.EFA_Funded
, CAST(0 AS INT) MCL_Excl
INTO Temp.QSR_Aim_Latest
FROM Temp.QSR_Aim_Matching 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(ISNULL(A_TO_DATE_SLN_PAYMENT,0)) A_TO_DATE_SLN_PAYMENT
      , SUM(ISNULL(A_Total_Payment_Y2D,0)) A_TOTAL_PAYMENT
      , MAX(CASE WHEN SourceYear_ID = 2009 THEN 1 ELSE 0 END) In_LR_0910
      , MAX(CASE WHEN SourceYear_ID = 2010 THEN 2 ELSE 0 END) In_LR_1011
      , MAX(CASE WHEN SourceYear_ID = 2011 THEN 4 ELSE 0 END) In_LR_1112
      , MAX(CASE WHEN SourceYear_ID = 2012 THEN 8 ELSE 0 END) In_LR_1213
      , MAX(CASE WHEN SourceYear_ID = 2013 THEN 16 ELSE 0 END) In_LR_1314
      , MAX(EFA_Funded) EFA_Funded
      , MAX(In_LR) In_LR
FROM Temp.QSR_Aim_Matching 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 INDEX IDX_Matching1 ON Temp.QSR_Aim_Latest (UPIN, LearnRefNumber, LearnAimRef,
Year_ID)
CREATE INDEX IDX_Matching2 ON Temp.QSR_Aim_Latest (UKPRN, LearnRefNumber,
LearnAimRef, Year_ID)

--MCL not used for CL, implemented for WPL
SELECT DISTINCT MT.UPIN, MT.LearnRefNumber, MT.AimSeqNumber, MT.Year_ID
INTO #MCL2
FROM Temp.QSR_Aim_Latest MT
JOIN dbo.vw_ER_MCL_Mergers M ON M.Old_L01 = MT.UPIN AND M.Old_LRN =
MT.LearnRefNumber
JOIN Temp.QSR_Aim_Latest MTN ON M.New_L01 = MTN.UPIN AND M.New_LRN =
MTN.LearnRefNumber AND MT.LearnAimRef = MTN.LearnAimRef AND MT.Year_ID <= MTN.Year_ID
WHERE MT.Year_ID < 2013

CREATE INDEX IDX_Matching1 ON #MCL2 (UPIN, LearnRefNumber, AimSeqNumber, Year_ID)

UPDATE LA
SET MCL_Excl = 1
FROM Temp.QSR_Aim_Latest LA
JOIN #MCL2 MCL ON MCL.UPIN = LA.UPIN
AND MCL.LearnRefNumber = LA.LearnRefNumber
AND MCL.AimSeqNumber = LA.AimSeqNumber
AND MCL.Year_ID = LA.Year_ID

TRUNCATE TABLE dbo.QSR_AIM_Match_Harvest

--SELECT *
--INTO Temp.QSR_Aim_Matching_Pre2014
--FROM Temp.QSR_Aim_Matching

EXEC [System].[usp_QSR_Aim_Match_Harvest] 2014

DROP TABLE Temp.QSR_Aim_Matching

SELECT *
INTO Temp.QSR_Aim_Matching
FROM dbo.QSR_AIM_Match_Harvest

CREATE UNIQUE CLUSTERED INDEX UNQ_CLUS_IDX_Matching_Year_ID_Rank ON
Temp.QSR_Aim_Matching (Year_ID, [Rank])
CREATE INDEX IDX_Matching1 ON Temp.QSR_Aim_Matching (Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef)
CREATE INDEX IDX_Matching2 ON Temp.QSR_Aim_Matching (Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, LearnStartDate)
CREATE INDEX IDX_Matching3 ON Temp.QSR_Aim_Matching (Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)
CREATE INDEX IDX_Matching4 ON Temp.QSR_Aim_Matching (Year_ID, UPIN_New,
LearnRefNumber_New, LearnAimRef, P_ExpEndYr)

EXEC system.usp_QSR_Aim_MatchProcess 2013

EXEC system.usp_DropTable @TableName = N'Temp.QSR_Timely' -- nvarchar(256)

SELECT A.UKPRN Timely_UKPRN
, A.LearnRefNumber Timely_LearnRefNumber
, A.AimSeqNumber Timely_AimSeqNumber
, A.DataSource Timely_DataSource
, AM.UKPRN
, AM.LearnRefNumber

```

```

        , AM.AimSeqNumber
        , AM.DataSource
        , AM.SourceYear_ID
INTO Temp.QSR_Timely
FROM Temp.QSR_Aim_Matching AM
JOIN Temp.QSR_Aim_Matching A ON AM.MatchYear = A.Year_ID
                             AND AM.MatchedRank = A.Rank

END

BEGIN

--0910 FE Data.
--Get all record details from the relevant year based on the
--unmatched records
SELECT LAT.Year_ID
       , LAT.DataSource
       , LAT.UPIN
       , LAT.UKPRN
       , LAT.UPIN_Orig
       , LAT.LearnRefNumber
       , LAT.LearnRefNumber_Orig
       , LAT.A_TO_DATE_SLN_PAYMENT
       , LAT.A_Total_Payment
       , LAT.In_LR
       , LAT.EFA_Funded
       , LAT.EFA_Funded_Latest
       , LAT.MCL_Excl
       , LA.A04
       , LA.A05
       , LA.A09
       , LA.A10
       , LA.A15
       , A22 = CASE WHEN ISNUMERIC(LA.A22) = 1 THEN LA.A22 ELSE 0 END
       , LA.A23
       , LA.A26
       , LA.A27
       , LA.A28
       , LA.A31
       , LA.A34
       , LA.A35
       , LA.A36
       , LA.A46a
       , LA.A46b
       , A46c = 999
       , A46d = 999
       , A49A = LA.A49
       , LA.A50
       , LA.A58
       , L.L11
       , L.L12
       , L.L13
       , L.L14
       , L.L15
       , L.L16
       , L.L17
       , L.L35
       , -1 L_FUND_ACTIVE
       , ULN = L.L45
       , Curr_Empl_Stat = L.L47
       , LA.A_TTGAIN
       , LA.A68
       , -1 BSI

```

```

, UC = -1
, L.L_AGE
, LA.A44
, LA.A63
, LA.A_AGEST
, LA.A_FundingSource
, AdvLearnLoan = 0
, D_AccToAppEmpd = 0
, D_WPLProv = CASE WHEN (LA.A10 IN(45,46)
                        AND 125 NOT IN(LA.A46a, LA.A46b))
                        OR LA.A15 IN(2,3,10,20,21,22,23) THEN 1
                        ELSE 0
END
, Traineeship = -1
INTO #0910_ILR_Aims_Data
FROM dbo.ILR0910_L05_LEARNER L
JOIN dbo.ILR0910_L05_AIMS LA ON LA.L01 = L.L01 AND LA.L03 = L.L03
JOIN dbo.ILR0910_L05_AIMS_DLF DLF ON DLF.L01 = LA.L01 AND DLF.L03 = LA.L03 AND
DLF.A05 = LA.A05
JOIN ( SELECT *
      FROM Temp.QSR_Aim_Latest
      WHERE Year_ID = 2009
      AND DataSource = 'ILR') LAT ON LAT.UPIN_Orig = LA.L01
      AND LAT.LearnRefNumber_Orig = LA.L03
      AND LAT.AimSeqNumber = LA.A05

--1011 FE Data.
--Get all record details from the relevant year based on the
--unmatched records
SELECT LAT.Year_ID
, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.A04
, LA.A05
, LA.A09
, LA.A10
, LA.A15
, LA.A22
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A35
, LA.A36
, LA.A46a
, LA.A46b
, A46c = 999
, A46d = 999
, A49A = LA.A49
, LA.A50
, LA.A58

```



```

, L.L11
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L.L35
, -1 L_FUND_ACTIVE
, ULN = L.L45
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, LA.A68
, -1 BSI
, UC = -1
, L.L_AGE
, LA.A44
, LA.A63
, LA.A_AGEST
, LA.A_FundingSource
, AdvLearnLoan = 0
, D_AccToAppEmpd = 0
, D_WPLProv = CASE WHEN (LA.A10 IN(45,46)
                        AND 125 NOT IN(LA.A46a, LA.A46b))
                        OR LA.A15 IN(2,3,10,20,21,22,23) THEN 1
                        ELSE 0
END
, Traineeship = -1
INTO #1011_ILR_Aims_Data
FROM dbo.ILR1011_LR05_LEARNER L
JOIN dbo.ILR1011_LR05_AIMS LA ON LA.L01 = L.L01 AND LA.L03 = L.L03
JOIN dbo.ILR1011_LR05_AIMS_DLF DLF ON DLF.L01 = LA.L01 AND DLF.L03 = LA.L03 AND
DLF.A05 = LA.A05
JOIN ( SELECT *
      FROM Temp.QSR_Aim_Latest
      WHERE Year_ID = 2010
      AND DataSource = 'ILR') LAT ON LAT.UPIN_Orig = LA.L01
      AND LAT.LearnRefNumber_Orig = LA.L03
      AND LAT.AimSeqNumber = LA.A05

--1112 FE Data.
SELECT A.UKPRN
, A.LEARNREFNUMBER
, E.A05
, MIN (BSI_Code) BSI
INTO #EMP_STAT_BSI_1112
FROM dbo.SILR1112_LEARNER_EMP_STAT_SN14 A
--Identify last known change before leave date
JOIN ( SELECT E.UKPRN
, E.LEARNREFNUMBER
, P.A05
, MAX(E.DATEEMPSTATAPP) DATEEMPSTATAPP
FROM dbo.SILR1112_LEARNER_EMP_STAT_SN14 E
--Identify records to check Employment Status against
JOIN ( SELECT L01, L03, A05, L46, A31
      FROM 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 LAT.Year_ID
, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.A04
, LA.A05
, LA.A09
, LA.A10
, LA.A15
, LA.A22
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A35
, LA.A36
, LA.A46a
, LA.A46b
, A46c = 999
, A46d = 999
, LA.A49A
, LA.A50
, LA.A58
, L.L11
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17
, L.L35
, -1 L_FUND_ACTIVE
, ULN = L.L45
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, LA.A68
, BSI = ISNULL(BSI.BSI, -1)
, UC = -1
, L.L_AGE
, A44 = CAST(LA.A44 AS varchar)
, LA.A63
, LA.A_AGEST
, LA.A_FUNDINGSOURCE

```

```

, AdvLearnLoan = 0
, D_AccToAppEmpd = ISNULL(A_ATA_EMP, 0)
, D_WPLProv = CASE WHEN (LA.A10 IN(45,46)
                        AND 125 NOT IN(LA.A46a, LA.A46b))
                  OR LA.A15 IN(2,3,10,20,21,22,23) THEN 1
                  ELSE 0
                END
, Traineeship = -1
INTO #1112_ILR_Aims_Data
FROM dbo.SILR1112_LEARNER_SN14 L
JOIN dbo.SILR1112_AIMS_SN14 LA ON LA.L01 = L.L01 AND LA.L03 = L.L03
LEFT JOIN dbo.SILR1112_FUNDING_AIMS_SN14 DLF ON DLF.L01 = LA.L01 AND DLF.L03 =
LA.L03 AND DLF.A05 = LA.A05
JOIN (SELECT *
      FROM Temp.QSR_Aim_Latest
      WHERE Year_ID = 2011
            AND DataSource = 'ILR') LAT ON LAT.UPIN_Orig = LA.L01
            AND LAT.LearnRefNumber_Orig = LA.L03
            AND LAT.AimSeqNumber = LA.A05
LEFT JOIN #EMP_STAT_BSI_1112 BSI ON BSI.UKPRN = LA.L46
            AND BSI.LEARNREFNUMBER = LA.L03
            AND BSI.A05 = LA.A05

--1112 LEOP
SELECT LAT.Year_ID
, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.A04
, LA.A05
, LA.A09
, LA.A10
, LA.A15
, A22 = 0
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A35
, A36 = ''
, A46a = 999
, A46b = 999
, A46c = 999
, A46d = 999
, A49A = CAST(NULL AS VARCHAR(5))
, A50 = -1
, A58 = -1
, L.L11
, L.L12
, L.L13
, L.L14
, L15 = -1

```

```

, L16 = -1
, L.L17
, L35 = -1
, L_FUND_ACTIVE = -1
, ULN = L.L45
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, A68 = -1
, BSI = -1
, UC = -1
, L.L_AGE
, A44 = '0'
, A63 = -1
, LA.A_AGEST
, LA.A_FUNDINGSOURCE
, AdvLearnLoan = 0
, D_AccToAppEmpd = 0
, D_WPLProv = 1
, Traineeship = -1
INTO #1112_LEOP_Aims_Data
FROM dbo.LEOP1112_LEARNER_SN14 L
JOIN dbo.LEOP1112_AIMS_SN14 LA ON LA.L01 = L.L01 AND LA.L03 = L.L03
JOIN (SELECT *
      FROM Temp.QSR_Aim_Latest
      WHERE Year_ID = 2011
            AND DataSource = 'LEOP') LAT ON LAT.UPIN_Orig = LA.L01
            AND LAT.LearnRefNumber_Orig = LA.L03
            AND LAT.AimSeqNumber = LA.A05

```

--1213 FE Data.

```

SELECT A.UKPRN
, A.LEARNREFNUMBER
, E.A05
, MIN (BSI) BSI
INTO #EMP_STAT_BSI_1213
FROM 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 dbo.SILR1213_LEARNER_EMP_STAT_SN14 E
--Identify records to check Employment Status against
JOIN ( SELECT L01, L03, A05, L46, A31
FROM 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  LAT.Year_ID
        , LAT.DataSource
        , LAT.UPIN
        , LAT.UKPRN
        , LAT.UPIN_Orig
        , LAT.LearnRefNumber
        , LAT.LearnRefNumber_Orig
        , LAT.A_TO_DATE_SLN_PAYMENT
        , LAT.A_Total_Payment
        , LAT.In_LR
        , LAT.EFA_Funded
        , LAT.EFA_Funded_Latest
        , LAT.MCL_Excl
        , LA.A04
        , LA.A05
        , LA.A09
        , LA.A10
        , LA.A15
        , LA.A22
        , LA.A23
        , LA.A26
        , LA.A27
        , LA.A28
        , LA.A31
        , LA.A34
        , LA.A35
        , LA.A36
        , LA.A46a
        , LA.A46b
        , LA.A46c
        , A46d = 999
        , LA.A49A
        , LA.A50
        , LA.A58
        , L.L11
        , L.L12
        , L.L13
        , L.L14
        , L.L15
        , L.L16
        , L.L17
        , L.L35
        , -1 L_FUND_ACTIVE
        , ULN = L.L45
        , Curr_Empl_Stat = -1
        , A_TTGAIN = -1
        , LA.A68
        , BSI = ISNULL(BSI.BSI, -1)
        , UC = -1
        , L.L_AGE
        , A44 = CAST(LA.A44 AS varchar)
        , LA.A63
        , LA.A_AGEST
        , LA.A_FUNDINGSOURCE
        , AdvLearnLoan = 0
        , D_AccToAppEmpd = ISNULL(A_ATA_EMP, 0)
        , D_WPLProv = CASE WHEN (LA.A10 IN(45,46)
                                AND 125 NOT IN(LA.A46a, LA.A46b, LA.A46c))
                            OR LA.A15 IN(2,3,10,20,21,22,23) THEN 1
                            ELSE 0
                        END
        , Traineeship = -1
INTO #1213_ILR_Aims_Data

```

```

FROM dbo.SILR1213_LEARNER_SN14 L
JOIN dbo.SILR1213_AIMS_SN14 LA ON LA.L46 = L.L46 AND LA.L03 = L.L03
LEFT JOIN dbo.SILR1213_FUNDING_AIMS_SN14 DLF ON DLF.L46 = LA.L46 AND DLF.L03 =
LA.L03 AND DLF.A05 = LA.A05
JOIN (
    SELECT *
    FROM Temp.QSR_Aim_Latest
    WHERE Year_ID = 2012
        AND DataSource = 'ILR') LAT ON LAT.UKPRN = LA.L46
        AND LAT.LearnRefNumber_Orig = LA.L03
        AND LAT.AimSeqNumber = LA.A05
LEFT JOIN #EMP_STAT_BSI_1213 BSI ON BSI.UKPRN = LA.L46
        AND BSI.LEARNREFNUMBER = LA.L03
        AND BSI.A05 = LA.A05

```

```

SELECT LAT.Year_ID
, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.A04
, LA.A05
, LA.A09
, LA.A10
, LA.A15
, A22 = 0
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A35
, A36 = ''
, A46a = 999
, A46b = 999
, A46c = 999
, A46d = 999
, A49A = CAST(NULL AS VARCHAR(5))
, A50 = -1
, A58 = -1
, L.L11
, L.L12
, L.L13
, L.L14
, L15 = -1
, L16 = -1
, L.L17
, L35 = -1
, -1 L_FUND_ACTIVE
, ULN = L.L45
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, A68 = -1
, BSI = -1

```

```

, UC = -1
, L.L_AGE
, A44 = '0'
, A63 = -1
, LA.A_AGEST
, LA.A_FUNDINGSOURCE
, AdvLearnLoan = 0
, D_AccToAppEmpd = 0
, D_WPLProv = 1
, Traineeship = -1
INTO #1213_LEOP_Aims_Data
FROM dbo.LEOP1213_LEARNER_SN14 L
JOIN dbo.LEOP1213_AIMS_SN14 LA ON LA.L46 = L.L46 AND LA.L03 = L.L03
JOIN ( SELECT *
        FROM Temp.QSR_Aim_Latest
        WHERE Year_ID = 2012
              AND DataSource = 'LEOP' ) LAT ON LAT.UKPRN = LA.L46
              AND LAT.LearnRefNumber_Orig = LA.L03
              AND LAT.AimSeqNumber = LA.A05

SELECT LAT.Year_ID
, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.A04
, LA.A05
, LA.A09
, LA.A10
, LA.A15
, A22 = 0
, LA.A23
, LA.A26
, LA.A27
, LA.A28
, LA.A31
, LA.A34
, LA.A35
, LA.A36
, A46a = 999
, A46b = 999
, A46c = 999
, A46d = 999
, A49A = CAST(NULL AS VARCHAR(5))
, LA.A50
, A58 = -1
, L.L11
, L.L12
, L.L13
, L.L14
, L.L15
, L.L16
, L.L17

```

```

, L.L35
, -1 L_FUND_ACTIVE
, ULN = L.L45
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, A68 = -1
, BSI = -1
, UC = -1
, L.L_AGE
, A44 = '0'
, A63 = 99
, LA.A_AGEST
, A_FUNDINGSOURCE = 2
, AdvLearnLoan = 0
, D_AccToAppEmpd = 0
, D_WPLProv = 1
, Traineeship = -1
INTO #1213_EOP1_Aims_Data
FROM dbo.EOP1_1213_LEARNER_SN14 L
JOIN dbo.EOP1_1213_AIMS_SN14 LA ON LA.Grant_Recipient_UKPRN =
L.Grant_Recipient_UKPRN
AND LA.L03 = L.L03
JOIN ( SELECT *
FROM Temp.QSR_Aim_Latest
WHERE Year_ID = 2012
AND DataSource = 'EOP1' ) LAT ON LAT.UKPRN = LA.Grant_Recipient_UKPRN
AND LAT.LearnRefNumber_Orig = LA.L03
AND LAT.AimSeqNumber = LA.A05

--1314 FE Data
SELECT
A.UKPRN
, A.LEARNREFNUMBER
, E.AimSeqNumber
, MIN (ESMType_BSI) BSI
INTO
#EMP_STAT_BSI_1314
FROM
dbo.SILR1314_LEARNER_EMP_STAT_SN14 A
--Identify last know change before leave date
JOIN ( SELECT E.UKPRN
, E.LEARNREFNUMBER
, P.AimSeqNumber
, MAX(E.DATEEMPSTATAPP) DATEEMPSTATAPP
FROM dbo.SILR1314_LEARNER_EMP_STAT_SN14 E
--Identify records to check Employment Status against
JOIN ( SELECT UPIN, LearnRefNumber, AimSeqNumber, UKPRN,
LearnActEndDate
FROM dbo.SILR1314_AIMS_SN14
WHERE EmpOutcome IN (1,2)
AND Outcome NOT IN (1,7)
AND CompStatus <> 1
AND LearnPlanEndDate >= '1-Aug-2012' ) P ON E.UKPRN =
P.UKPRN
AND E.LEARNREFNUMBER = P.LearnRefNumber
AND P.LearnActEndDate >= E.DATEEMPSTATAPP
GROUP BY E.LEARNREFNUMBER
, E.UKPRN
, P.AimSeqNumber) E ON A.UKPRN = E.UKPRN
AND A.LEARNREFNUMBER = E.LEARNREFNUMBER
AND A.DATEEMPSTATAPP = E.DATEEMPSTATAPP
WHERE A.ESMType_BSI IN (1,2)

```


GROUP BY

A.UKPRN
, A.LEARNREFNUMBER
, E.AimSeqNumber

SELECT DISTINCT LA.UKPRN, LA.LearnRefNumber, LA.AimSeqNumber

INTO #UC

FROM dbo.SILR1314_AIMS_SN14 LA

JOIN dbo.SILR1314_LEARNER_EMP_STAT_SN14 E ON E.UKPRN = LA.UKPRN
AND E.LEARNREFNUMBER =

LA.LearnRefNumber

CROSS JOIN Temp.Period P

WHERE 318 IN (LDM_1, LDM_2, LDM_3, LDM_4)

AND E.ESMType_BSI = 4

AND (

E.DateEmpStatApp BETWEEN LA.LearnStartDate AND ISNULL(LA.LearnActEndDate,
LA.LearnPlanEndDate)

OR

LA.LearnStartDate BETWEEN E.DateEmpStatApp AND ISNULL(E.DateEmpStatAppTo,
P.P_Period_End_Timely)

)

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

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

SELECT LAT.Year_ID

, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.AimType
, LA.AimSeqNumber
, LA.LearnAimRef
, LA.FundModel
, LA.ProgType
, LA.PartnerUKPRN
, LA.DelLocPostCode
, LA.FworkCode
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.Outcome
, LA.OutGrade
, LA.LDM_1
, LA.LDM_2
, LA.LDM_3
, LA.LDM_4
, LA.SPP
, LA.WithdrawReason
, LA.ASL

```

, L.DateOfBirth
, L.Ethnicity
, L.Sex
, L.LLDDHealthprob
, L.L_Disability
, L.L_LearnDiff
, L.L_PriorPcode
, L.PriorAttain
, -1 L_FUND_ACTIVE
, ULN = L.ULN
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, LA.EmpOutcome
, BSI = ISNULL(BSI.BSI, -1)
, UC = CASE WHEN UC.UKPRN IS NULL THEN -1 ELSE 4 END
, L.L_AGE
, D_EmpID = CAST(LA.D_EmpID AS varchar)
, LA.NSA
, LA.D_AgeAimStart
, LA.D_FEFUND
, AdvLearnLoan = CASE WHEN D_FEFund = 3 THEN 1 ELSE 0 END
, LA.D_AccToAppEmpd
, D_WPLProv = CASE WHEN LA.ProgType IN(2,3,10,20,21,22,23) THEN 1 ELSE
LA.D_WPLProv END
, Traineeship = CASE WHEN 323 IN (LDM_1, LDM_2, LDM_3, LDM_4) THEN 1
--AND L.L_FEFund IN (1,2)
--AND ( --EFA
-- (LA.[FundModel] = 25 AND LA.[sof] IN (107, 105))
-- OR --SFA
-- (LA.[FundModel] = 35 AND LA.[sof] = 105))
ELSE 0
END
END
INTO #1314_ILR_Aims_Data
FROM dbo.SILR1314_LEARNER_SN14 L
JOIN dbo.SILR1314_AIMS_SN14 LA ON LA.UKPRN = L.UKPRN AND LA.LearnRefNumber =
L.LearnRefNumber
LEFT JOIN dbo.SILR1314_FUNDING_AIMS_SFA_SN14 DLF ON DLF.UKPRN = LA.UKPRN AND
DLF.LearnRefNumber = LA.LearnRefNumber AND DLF.AimSeqNumber = LA.AimSeqNumber
JOIN ( SELECT *
FROM Temp.QSR_Aim_Latest
WHERE Year_ID = 2013
AND DataSource = 'ILR') LAT ON LAT.UKPRN = LA.UKPRN
AND LAT.LearnRefNumber_Orig =
LA.LearnRefNumber
AND LAT.AimSeqNumber = LA.AimSeqNumber
LEFT JOIN #EMP_STAT_BSI_1314 BSI ON BSI.UKPRN = LA.UKPRN
AND BSI.LEARNREFNUMBER = LA.LearnRefNumber
AND BSI.AimSeqNumber = LA.AimSeqNumber
LEFT JOIN #UC UC ON UC.UKPRN = LA.UKPRN
AND UC.LEARNREFNUMBER = LA.LearnRefNumber
AND UC.AimSeqNumber = LA.AimSeqNumber

SELECT LAT.Year_ID
, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment

```

```

, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.AimType
, LA.AimSeqNumber
, LA.LearnAimRef
, LA.FundModel
, LA.ProgType
, PartnerUKPRN = 0
, LA.DelLocPostCode
, LA.FworkCode
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.Outcome
, OutGrade = ''
, LDM_1 = 9999
, LDM_2 = 9999
, LDM_3 = 9999
, LDM_4 = 9999
, SPP = CAST(NULL AS VARCHAR(5))
, WithdrawReason = -1
, ASL = -1
, L.DateOfBirth
, L.Ethnicity
, L.Sex
, L.LLDDHealthprob
, L_Disability = -1
, L_LearnDiff = -1
, L.L_PriorPcode
, PriorAttain = -1
, -1 L_FUND_ACTIVE
, ULN = L.ULN
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, EmpOutcome = -1
, BSI = -1
, UC = -1
, L.L_AGE
, D_EmpID = '0'
, NSA = -1
, LA.D_AgeAimStart
, LA.D_FEFUND
, AdvLearnLoan = CASE WHEN D_FEFund = 3 THEN 1 ELSE 0 END
, D_AccToAppEmpd = 0
, D_WPLProv = 1
, Traineeship = -1
INTO #1314_LEOP_Aims_Data
FROM dbo.LEOP1314_LEARNER_E14 L
JOIN dbo.LEOP1314_Aims_E14 LA ON LA.UKPRN = L.UKPRN AND LA.LearnRefNumber =
L.LearnRefNumber
JOIN ( SELECT *
FROM Temp.QSR_Aim_Latest
WHERE Year_ID = 2013
AND DataSource = 'LEOP') LAT ON LAT.UKPRN = LA.UKPRN
AND LAT.LearnRefNumber_Orig =
LA.LearnRefNumber
AND LAT.AimSeqNumber = LA.AimSeqNumber

SELECT LAT.Year_ID

```

```

, LAT.DataSource
, LAT.UPIN
, LAT.UKPRN
, LAT.UPIN_Orig
, LAT.LearnRefNumber
, LAT.LearnRefNumber_Orig
, LAT.A_TO_DATE_SLN_PAYMENT
, LAT.A_Total_Payment
, LAT.In_LR
, LAT.EFA_Funded
, LAT.EFA_Funded_Latest
, LAT.MCL_Excl
, LA.AimType
, LA.AimSeqNumber
, LA.LearnAimRef
, LA.FundModel
, LA.ProgType
, PartnerUKPRN = 0
, LA.DelLocPostCode
, LA.FworkCode
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.Outcome
, LA.OutGrade
, LDM_1 = 9999
, LDM_2 = 9999
, LDM_3 = 9999
, LDM_4 = 9999
, SPP = CAST(NULL AS VARCHAR(5))
, LA.WithdrawReason
, ASL = -1
, L.DateOfBirth
, L.Ethnicity
, L.Sex
, L.LLDDHealthprob
, L.L_Disability
, L.L_LearnDiff
, L.L_PriorPcode
, L.PriorAttain
, -1 L_FUND_ACTIVE
, ULN = L.ULN
, Curr_Empl_Stat = -1
, A_TTGAIN = -1
, EmpOutcome = -1
, BSI = -1
, UC = -1
, L.L_AGE
, D_EmpID = CAST(LA.D_EmpID AS varchar)
, NSA = -1
, LA.D_AgeAimStart
, LA.D_FEFUND
, AdvLearnLoan = CASE WHEN D_FEFund = 3 THEN 1 ELSE 0 END
, D_AccToAppEmpd = 0
, D_WPLProv = 1
, Traineeship = -1
INTO #1314_EOP1_Aims_Data
FROM dbo.EOP1_1314_LEARNER_E14 L
JOIN dbo.EOP1_1314_AIMS_E14 LA ON LA.Grant_Recipient_UKPRN =
L.Grant_Recipient_UKPRN AND LA.LearnRefNumber = L.LearnRefNumber
JOIN (
SELECT *
FROM Temp.QSR_Aim_Latest

```

```

WHERE Year_ID = 2013
      AND DataSource = 'EOP1') LAT ON LAT.UKPRN = LA.Grant_Recipient_UKPRN
      AND LAT.LearnRefNumber_Orig = LA.LearnRefNumber
      AND LAT.AimSeqNumber = LA.AimSeqNumber

```

--Amalgamate all record from across years

```
EXEC System.usp_DropTable @TableName = N'dbo.SR1314_MatchedData'
```

```

SELECT *
INTO dbo.SR1314_MatchedData
FROM #1314_ILR_Aims_Data
      UNION ALL
      SELECT * FROM #0910_ILR_Aims_Data
      UNION ALL
      SELECT * FROM #1011_ILR_Aims_Data
      UNION ALL
      SELECT * FROM #1112_ILR_Aims_Data
      UNION ALL
      SELECT * FROM #1213_ILR_Aims_Data
      UNION ALL
      SELECT * FROM #1112_LEOP_Aims_Data
      UNION ALL
      SELECT * FROM #1213_LEOP_Aims_Data
      UNION ALL
      SELECT * FROM #1314_LEOP_Aims_Data
      UNION ALL
      SELECT * FROM #1213_EOP1_Aims_Data
      UNION ALL
      SELECT * FROM #1314_EOP1_Aims_Data

```

```

SELECT LA.LearnActEndDate
      , LA.Outcome
      , LAT.UKPRN
      , LAT.LearnRefNumber
      , LAT.AimSeqNumber
      , LAT.DataSource
      , LAT.SourceYear_ID
INTO #1415_Aims_Data
FROM dbo.SILR1415_LEARNER_SN04 L
      JOIN dbo.SILR1415_AIMS_SN04 LA ON LA.UKPRN = L.UKPRN AND LA.LearnRefNumber =
L.LearnRefNumber
      JOIN ( SELECT *
            FROM Temp.QSR_Timely
            WHERE Timely_DataSource = 'ILR') LAT ON LAT.Timely_UKPRN = LA.UKPRN
            AND LAT.LearnRefNumber = LA.LearnRefNumber
            AND LAT.AimSeqNumber = LA.AimSeqNumber

```

```
WHERE LA.Outcome IN(1, 7)
```

```

INSERT INTO #1415_Aims_Data
SELECT LA.LearnActEndDate
      , LA.CompStatus
      , LAT.UKPRN
      , LAT.LearnRefNumber
      , LAT.AimSeqNumber
      , LAT.DataSource
      , LAT.SourceYear_ID
FROM dbo.LEOP1415_LEARNER_E04 L
      JOIN dbo.LEOP1415_Aims_E04 LA ON LA.UKPRN = L.UKPRN AND LA.LearnRefNumber =
L.LearnRefNumber
      JOIN ( SELECT *
            FROM Temp.QSR_Timely

```

```

        WHERE Timely_DataSource = 'LEOP') LAT ON LAT.Timely_UKPRN = LA.UKPRN
        AND LAT.LearnRefNumber = LA.LearnRefNumber
        AND LAT.AimSeqNumber = LA.AimSeqNumber
WHERE LA.Outcome IN(1, 7)

```

```

INSERT INTO #1415_Aims_Data
SELECT LA.LearnActEndDate
, LA.CompStatus
, LAT.UKPRN
, LAT.LearnRefNumber
, LAT.AimSeqNumber
, LAT.DataSource
, LAT.SourceYear_ID
FROM dbo.EOP1_1415_LEARNER_E04 L
JOIN dbo.EOP1_1415_AIMS_E04 LA ON LA.Grant_Recipient_UKPRN =
L.Grant_Recipient_UKPRN AND LA.LearnRefNumber = L.LearnRefNumber
JOIN ( SELECT *
FROM Temp.QSR_Timely
WHERE Timely_DataSource = 'EOP1') LAT ON LAT.UKPRN =
LA.Grant_Recipient_UKPRN
AND LAT.LearnRefNumber =
LA.LearnRefNumber
AND LAT.AimSeqNumber = LA.AimSeqNumber
WHERE LA.Outcome IN(1, 7)

```

```

EXEC System.usp_DropTable @TableName = N'dbo.SR1314_FinalMatchedData'

```

```

SELECT UPIN
, UPIN_Orig
, LearnRefNumber
, LearnRefNumber_Orig
, LearnAimRef
, AimType
, AimSeqNumber
, FundModel
, ProgType
, PartnerUKPRN
, DelLocPostCode
, FworkCode
, LearnStartDate
, LearnPlanEndDate
, LearnActEndDate
, CompStatus
, Outcome
, OutGrade
, LDM_1
, LDM_2
, LDM_3
, LDM_4
, SPP
, WithdrawReason = ISNULL(WithdrawReason, -1)
, ASL
, DateOfBirth
, Ethnicity
, Sex
, LLDDHealthprob
, L_Disability
, L_LearnDiff
, L_PriorPcode
, PriorAttain

```

```

, UKPRN
, ULN
, Curr_Empl_Stat
, L_FUND_ACTIVE
, A_TO_DATE_SLN_PAYMENT
, Year_ID
, A_OLASS= CASE WHEN 34 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3, LA.LDM_4) THEN 1 ELSE 0
END
, A_TOTAL_PAYMENT
, PriorLR
, AdvLearnLoan
, A_TTGAIN
, EmpOutcome
, BSI_Emp_Status_Monitor_Code = BSI
, UC
, In_LR
, EFA_Funded
, EFA_Funded_Latest
, MCL_Excl
, L_AGE
, D_EmpID = CAST(D_EmpID AS varchar)
, NSA
, D_AgeAimStart
, D_FEFUND
, P_Period_End_Overall
, P_Period_End_Timely
, P_Year_Per
, IA_Return
, DataSource
, D_AccToAppEmpd
, D_WPLProv
, AdultLearnerAccounts_Excl = CASE WHEN 88 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3,
LA.LDM_4) THEN 1
                                WHEN 89 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3, LA.LDM_4) THEN
1
                                WHEN 82 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3, LA.LDM_4) THEN
1
                                ELSE 0
                                END
, CL_Excl = CASE WHEN LA.FundModel = 10 THEN 1 ELSE 0 END
, Diploma_Excl= CASE WHEN LA.Year_ID < 2013 THEN
                    CASE WHEN LA.AimType <> 30 THEN 1 ELSE 0 END
                    ELSE
                    CASE WHEN LA.AimType NOT IN (3,4,5) THEN 1 ELSE 0 END
                    END
, E2E_Excl = CASE WHEN LA.ProgType = 9 THEN 1 ELSE 0 END
, ESF_Excl = CASE WHEN FundModel = 70 THEN 1 ELSE 0 END
, FirstSteps_Excl = CASE WHEN LA.FundModel IN(80, 81) AND LA.ASL = 5 THEN
1 ELSE 0 END
, JIP_Excl = CASE WHEN LA.SPP = 'SP045' THEN 1 ELSE 0 END
, JSA_ESA_Excl= CASE WHEN BSI = -1 THEN 0 ELSE 1 END
, LLDD_Placement_Excl = CASE WHEN Year_ID < 2012 THEN
                            CASE WHEN LA.SPP = 'SP044' THEN 1 ELSE 0 END
                            WHEN Year_ID = 2012 THEN
                            CASE WHEN LA.SPP = 'SP044'
OR 317 IN (LA.LDM_1, LA.LDM_2,
LA.LDM_3, LA.LDM_4) THEN 1 ELSE 0 END
                            ELSE
                            CASE WHEN 317 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3,
LA.LDM_4) THEN 1 ELSE 0 END
                            END
, OLASS_Term_Early_Excl = CASE WHEN 34 IN (LDM_1, LDM_2, LDM_3, LDM_4) AND
WithdrawReason = 28 THEN 1 ELSE 0 END

```

```

, OCLASS_Excl= CASE WHEN 34 IN (LDM_1, LDM_2, LDM_3, LDM_4) THEN 1 ELSE 0 END
, Traineeship
, Traineeship_Excl = CASE WHEN Traineeship = 1
AND Outcome NOT IN(1,7)
AND CompStatus <> 1
AND EmpOutcome IN (1,2) THEN 1
ELSE 0
END
, UC_Excl = CASE WHEN UC = -1 THEN 0 ELSE 1 END
, P_ActEndYr= CASE WHEN LearnActEndDate > P_Period_End_Overall THEN
ReportingYear+0.5
WHEN DatePart(m, LA.LearnActEndDate) >= 8 THEN DatePart(yy,
LA.LearnActEndDate)
WHEN DatePart(m, LA.LearnActEndDate) < 8 THEN DatePart(yy,
LA.LearnActEndDate)-1
ELSE 0
END
, P_ExpEndYr_Overall = CASE WHEN LearnPlanEndDate > P_Period_End_Overall THEN
ReportingYear+0.5
WHEN DatePart(m, LA.LearnPlanEndDate) >= 8 THEN
DatePart(yy, LA.LearnPlanEndDate)
WHEN DatePart(m, LA.LearnPlanEndDate) < 8 THEN
DatePart(yy, LA.LearnPlanEndDate)-1
ELSE 0
END
, EFA_Direct_Funded = CASE WHEN 320 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3,
LA.LDM_4) THEN 1 ELSE 0 END
, OtherSILR_Excl = CASE WHEN D_WPLProv = 1 THEN 0
WHEN AimType IN(35,1,3) THEN 1
--Component Aims
WHEN AimType IN(30) AND
LA.ProgType NOT IN(-1, 0, 99) THEN 1
WHEN LA.Year_ID = 2013 THEN 0
WHEN LA.FundModel IN (21, 22) THEN 0
WHEN LA.FundModel IN(35,45)
AND 125 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3, LA.LDM_4)
THEN 0
WHEN LA.PriorLR > 0 THEN 0
WHEN LA.Year_ID < 2011 THEN 0
ELSE 1
END
, A_AGE_31AugStYr = DateDiff(YY, LA.DateOfBirth, 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, DateOfBirth) THEN 1
WHEN DatePart(MM, CAST('31-Aug-' + CAST(p_startyr as
varchar) as DateTime)) = DatePart(MM, DateOfBirth)
AND DatePart(DD, CAST('31-Aug-' + CAST(p_startyr as
varchar) as DateTime)) < DatePart(DD, DateOfBirth) THEN 1
ELSE 0
END
, Overall
, Timely
, P_Trans_Overall = CASE WHEN P_ProgStatus IN (8,10) AND Overall = 1 THEN 1
ELSE 0 END
, P_Trans_Timely = CASE WHEN P_ProgStatus IN (8,10) AND Timely = 1 AND
LearnActEndDate <= DateAdd(d, 90, LearnPlanEndDate) THEN 1 ELSE 0 END
, P_Plan_Break_Overall = CASE WHEN P_ProgStatus IN (11) AND Overall = 1 THEN 1
ELSE 0 END
, P_Plan_Break_Timely = CASE WHEN P_ProgStatus IN (11) AND Timely = 1 AND
LearnActEndDate <= DateAdd(d, 90, LearnPlanEndDate) THEN 1 ELSE 0 END
, Not_Funded_Excl = CASE WHEN A_To_Date_SLN_Payment = 1 THEN 0 ELSE 1 END

```



```

, UFI_Excl = CASE WHEN 1 IN (LA.LDM_1, LA.LDM_2, LA.LDM_3, LA.LDM_4)
AND P_ExpEndYr < 2010 THEN 1 ELSE 0 END

, Employability_Skills_Prog_Excl = CASE WHEN 83 IN (LA.LDM_1, LA.LDM_2,
LA.LDM_3, LA.LDM_4) THEN 1 ELSE 0 END

, WPL_Excl = CASE WHEN D_WPLProv = 1 THEN
CASE WHEN ProgType IN(2,3,10,20,21,22,23) THEN 1
WHEN AimType IN(35,1) THEN 1
WHEN Year_ID < 2011 THEN 1
WHEN p_expendyr < 2011 THEN 1
ELSE 0
END
ELSE 0
END

, P_ProgStatus
, P_StartYr
, P_ExpEndYr
, Fund_Qual_Excl
, Timely_Outcome
, Timely_LearnActEndDate
, Transaction_ID= ROW_NUMBER() OVER(ORDER BY UPIN, LearnRefNumber)
INTO dbo.SR1314_FinalMatchedData
FROM (SELECT LA.*
, P_ProgStatus = CASE WHEN LA.LearnActEndDate IS NULL THEN 0
WHEN LA.Outcome IN (1,7) THEN 1
WHEN LA.CompStatus = 6 THEN 11
WHEN LA.WithdrawReason = 7 THEN 10
WHEN LA.WithdrawReason = 41 THEN 10
WHEN LA.CompStatus = 3 AND WithdrawReason = 40 THEN 8
WHEN LA.CompStatus = 4 THEN 8
WHEN LA.WithdrawReason = 2 THEN 9
ELSE 6
END
, P_StartYr= CASE WHEN DatePart(m, LA.LearnStartDate) >= 8 THEN DatePart(yy,
LA.LearnStartDate)
WHEN DatePart(m, LA.LearnStartDate) < 8 THEN DatePart(yy,
LA.LearnStartDate)-1
ELSE 0
END
, P_ExpEndYr = CASE WHEN LearnPlanEndDate > P.P_Period_End_Timely THEN
P.ReportingYear+0.5
WHEN DatePart(m, LA.LearnPlanEndDate) >= 8 THEN DatePart(yy,
LA.LearnPlanEndDate)
WHEN DatePart(m, LA.LearnPlanEndDate) < 8 THEN DatePart(yy,
LA.LearnPlanEndDate)-1
ELSE 0
END
, Fund_Qual_Excl= CASE WHEN Datediff(d, LearnStartDate,
ISNULL(LA.LearnActEndDate, LearnPlanEndDate))+1 < 42 AND Datediff(d, LearnStartDate,
LearnPlanEndDate)+1 >= 168 AND CompStatus = 3 THEN 1
WHEN Datediff(d, LearnStartDate, ISNULL(LA.LearnActEndDate,
LearnPlanEndDate))+1 < 14 AND Datediff(d, LearnStartDate, LearnPlanEndDate)+1 BETWEEN
14 AND 167 AND CompStatus = 3 THEN 1
ELSE 0
END
, Overall = CASE WHEN LA.LearnActEndDate IS NOT NULL
AND LA.LearnActEndDate <= P.P_Period_End_Overall
AND LearnPlanEndDate <= P.P_Period_End_Overall THEN 1
ELSE 0
END

```

```

, Timely = CASE WHEN LearnPlanEndDate <= P.P_Period_End_Timely THEN 1 ELSE 0 END
, P.*
, PriorLR = CASE WHEN In_LR & 1 != 0 THEN 1
                WHEN In_LR & 2 != 0 THEN 1
                ELSE 0
            END
, Timely_Outcome = ISNULL(AD.Outcome, LA.OutCome)
, Timely_LearnActEndDate = CASE WHEN LA.OutCome NOT IN(1,7) THEN
ISNULL(AD.LearnActEndDate, LA.LearnActEndDate) ELSE LA.LearnActEndDate END
FROM dbo.SR1314_MatchedData LA
    CROSS JOIN Temp.Period P
    LEFT JOIN #1415_Aims_Data AD ON AD.UKPRN = LA.UKPRN
                                AND AD.LearnRefNumber = LA.LearnRefNumber_Orig
                                AND AD.AimSeqNumber = LA.AimSeqNumber
                                AND AD.DataSource = LA.DataSource
                                AND AD.SourceYear_ID = LA.Year_ID

) LA

CREATE CLUSTERED INDEX IDX_0910_1314_FE_Data_v1 ON dbo.SR1314_FinalMatchedData (UPIN,
LearnAimRef)

ALTER TABLE dbo.SR1314_FinalMatchedData ADD ValidAge As CASE WHEN D_WPLProv = 1
    THEN 1
                                WHEN A_AGE_31AugStYr >= 16 THEN 1
                                WHEN 320 IN (LDM_1, LDM_2, LDM_3, LDM_4) THEN 1
                                ELSE 0
                                END

ALTER TABLE dbo.SR1314_FinalMatchedData ADD P_ProgStatus_Timely As CASE WHEN
    Timely_LearnActEndDate IS NULL THEN 0
                                WHEN Timely_Outcome IN (1,7) THEN 1
                                ELSE P_ProgStatus
                                END

--Fix for Identifying First Step exclusions
UPDATE FMD
SET FirstSteps_Excl = 1
FROM dbo.SR1314_FinalMatchedData FMD
JOIN ( SELECT *
        FROM dbo.SILR1213_AIMS_SN14 LA
        WHERE LA.A10 IN(80, 81)
        AND LA.A58 = 5) FS ON FS.L01 = FMD.UPIN
                                AND FS.L03 = FMD.LearnRefNumber
                                AND FS.A09 = FMD.LearnAimRef
                                AND FS.A27 = FMD.LearnStartDate

WHERE FMD.FirstSteps_Excl = 0
    AND FMD.In_LR & 16 = 16
    AND FMD.In_LR & 8 = 8

END

SELECT DISTINCT LearnAimRef
INTO #QSRAims
FROM Temp.QSR_Aim_Latest

INSERT INTO Temp.LAD_HIER
SELECT ACADEMIC_YEAR_CODE = 1314
, SourceFile = 'None'

```

```

, Q.LearnAimRef
, LearnAimRefTitle = CAST(Q.LearnAimRef AS VARCHAR) + ' Unknown Aim Ref'
, SuccRateMAPCodeDesc = CAST(Q.LearnAimRef AS VARCHAR) + ' Unknown Aim Ref'
, SuccRateMAPCode = Q.LearnAimRef
, AwardOrgResp = '-1'
, LrnAimRefType = 'XXXX'
, NotionalNVQLevel_v2 = 'U'
, NotionalNVQLevel = 'U'
, FullLevel2EntitCat = 'X'
, FullLevel2Pct = NULL
, FullLevel3EntitCat = 'X'
, FullLevel3Pct = NULL
, SecSubjAreaTier1 = 'X'
, SecSubjAreaTier2 = 'X'
, BasicSkills = 0
, BasicSkillsType = 'X'
, CreditBasedFwkType = NULL
, RgltdCreditVal = 0
, Add_Unit_Excl = 0
, D_FullLevel2 = 0
, D_FullLevel3 = 0
, Diagnostic_Excl = 0
, FoundationLearningWeekly_Excl = 0
, Innovation_Excl = 0
, KeySkills_Excl = 0
, Sup_Intern_Excl = 0
, Tutorial_Excl = 0
, Unitisation_Excl = 0
, Work_Exp_Excl = 0
, QTT.Qualification_Size
, A_Levels = 'Other'
, AimLevel_Excl_Count = 0
, QTT.Minimum_Standards_Group
FROM #QSRAims Q
LEFT JOIN Temp.LAD_HIER H ON H.LearnAimRef = Q.LearnAimRef
CROSS JOIN (SELECT * FROM QSR.MinimumStandardQualificationTypeThresholds WHERE
Qualification_Size = 'Other Non-Regulated') QTT
WHERE H.LearnAimRef IS NULL

CREATE INDEX IDX_LearnAimRef ON dbo.SR1314_FinalMatchedData(LearnAimRef)
CREATE INDEX IDX_UKPRN ON dbo.SR1314_FinalMatchedData(UKPRN)
CREATE INDEX IDX_PartnerUKPRN ON dbo.SR1314_FinalMatchedData(PartnerUKPRN)

EXEC system.usp_DropTable 'dbo.SR1314_Aims_SN14'

--Produce QSR Dataset;
SELECT LAD.Add_Unit_Excl
, LA.AdultLearnerAccounts_Excl
, LA.AdvLearnLoan
, Age_Band = CASE WHEN D_WPLProv = 1 THEN
CASE WHEN LA.D_AgeAimStart BETWEEN 0 AND 18 THEN 1
WHEN LA.D_AgeAimStart BETWEEN 19 AND 23 THEN 2
ELSE 3
END
ELSE
CASE WHEN LA.A_AGE_31AugStYr BETWEEN 0 AND 18 THEN 1
ELSE 2
END
END
, AwardingOrgResp= LAD.AwardOrgResp
, LAD.BasicSkills
, LAD.BasicSkillsType
, LA.BSI_Emp_Status_Monitor_Code

```

```

, CL_Excl          = CASE WHEN LA.FundModel = 10 THEN 1 ELSE 0 END
, [Collection]    = 'SN14'
, LA.CompStatus
, D_AgeAimStart
, LA.A_AGE_31AugStYr
, LAD.D_FullLevel2
, LAD.D_FullLevel3
, D_OLASS          = LA.A_OLASS
, D_TotalPayment  = A_Total_Payment
, LA.DateOfBirth
, LA.DelLocPostCode
, LAD.Diagnostic_Excl
, LA.Diploma_Excl
, LA.E2E_Excl
, LA.EFA_Direct_Funded
, LA.EFA_Funded
, LA.EFA_Funded_Latest
, LA.EmpOutcome
, LA.ESF_Excl
, LA.Ethnicity
, LA.FirstSteps_Excl
, LAD.FoundationLearningWeekly_Excl
, LAD.FullLevel2EntitCat
, LAD.FullLevel2Pct
, LAD.FullLevel3EntitCat
, LAD.FullLevel3Pct
, LA.Fund_Qual_Excl
, LA.FundModel
, LAD.Innovation_Excl
, LA.JIP_Excl
, LA.JSA_ESA_Excl
, LAD.KeySkills_Excl
, LA.L_Disability
, LA.L_LearnDiff
, LA.L_PriorPcode
, LA.LDM_1
, LA.LDM_2
, LA.LDM_3
, LA.LDM_4
, LA.LearnActEndDate
, LA.LearnAimRef
, LA.LearnPlanEndDate
, LA.LearnRefNumber
, LA.LearnRefNumber_Orig
, LA.LearnStartDate
, LA.LLDDHealthprob
, LAD.LearnAimRefTitle
, LAD.LrnAimRefType
, LA.LLDD_Placement_Excl
, LAD.Minimum_Standards_Group
, LA.Not_Funded_Excl
, LAD.NotionalNVQLevel
, LA.OLASS_Excl
, OLASS_Term_Early_Excl = LA.OLASS_Term_Early_Excl
, Outcome          = LA.Outcome
, OutGrade         = LA.OutGrade
, P_ActEndYr
, P_ExpEndYr       = LA.p_ExpEndYr
, P_HybridEndYr    = CASE WHEN p_actendyr = 0 THEN PR.ReportingYear+0.5
                        WHEN P_ExpEndYr_Overall >= p_actendyr THEN P_ExpEndYr_Overall
                        ELSE p_actendyr
END
, P_Period_End_Overall

```

```

, P_Period_End_Timely

, P_Count_Overall      = CASE WHEN ValidAge = 1
                        AND Overall = 1
                        AND P_Trans_Overall = 0
                        AND P_Plan_Break_Overall = 0 THEN 1
                        ELSE 0
                        END
, P_Ach_Overall        = CASE WHEN ValidAge = 1
                        AND Overall = 1
                        AND P_ProgStatus = 1 THEN 1
                        ELSE 0
                        END
, P_Complete_Overall  = CASE WHEN ValidAge = 1
                        AND Overall = 1
                        AND P_Trans_Overall = 0
                        AND P_Plan_Break_Overall = 0
                        AND CompStatus = 2 THEN 1
                        ELSE 0
                        END
, P_Plan_Break_Overall
, P_Trans_Overall

, P_Ach_Timely        = CASE WHEN ValidAge = 1
                        AND P_ProgStatus_Timely = 1
                        AND Timely = 1
                        AND ISNULL(Timely_LearnActEndDate,DateAdd(d, 90,
P_Period_End_Timely)) <= DateAdd(d, 90, LearnPlanEndDate)
                        THEN 1
                        ELSE 0
                        END
, P_Complete_Timely   = CASE WHEN ValidAge = 1
                        AND P_Trans_Timely = 0
                        AND P_Plan_Break_Timely = 0
                        AND CompStatus = 2
                        AND Timely = 1
                        AND ISNULL(Timely_LearnActEndDate,DATEADD(d,90,
LearnPlanEndDate)) <= DATEADD(d,90, LearnPlanEndDate) THEN 1
                        ELSE 0
                        END
, P_Count_Timely      = CASE WHEN ValidAge = 1
                        AND Timely = 1
                        AND P_Trans_Timely = 0
                        AND P_Plan_Break_Timely = 0 THEN 1
                        ELSE 0
                        END
, P_Plan_Break_Timely
, P_Trans_Timely

, P_In_0910           = CASE WHEN In_LR & 1 = 0 THEN 0 ELSE 1 END
, P_In_1011           = CASE WHEN In_LR & 2 = 0 THEN 0 ELSE 1 END
, P_In_1112           = CASE WHEN In_LR & 4 = 0 THEN 0 ELSE 1 END
, P_In_1213           = CASE WHEN In_LR & 8 = 0 THEN 0 ELSE 1 END
, P_In_1314           = CASE WHEN In_LR & 16 = 0 THEN 0 ELSE 1 END
, P_In_1415           = 0

, P_ProgStatus
, LA.P_StartYr
, PriorAttain = LA.PriorAttain
, Provider_GOR = P.Provider_GOR
, Provider_LocalAuthority = P.Provider_LocalAuthority
, Prv_Name      = P.Prv_Name
, Prv_TYPE      = ISNULL(P.Prv_TYPE, 'Unknown')

```

```

, QSR_Status = CASE WHEN ISNULL(LAD.AimLevel_Excl_Count, 0)
+AdultLearnerAccounts_Excl
+CL_Excl
+Diploma_Excl
+E2E_Excl
+Employability_Skills_Prog_Excl
+ESF_Excl
+FirstSteps_Excl
+Fund_Qual_Excl
+JIP_Excl
+JSA_ESA_Excl
+LLDD_Placement_Excl
+MCL_Excl
+Not_Funded_Excl
+OLASS_Term_Early_Excl
+OLASS_Excl
+OtherSILR_Excl
+Traineeship_Excl
+UC_Excl
+UFI_Excl
+WPL_Excl > 0 THEN 'QSR Exclusions'
ELSE 'QSR Inclusions'
END
, LAD.Qualification_Size
, LAD.SecSubjAreaTier1
, LAD.SecSubjAreaTier2
, Sex = LA.Sex
, shortdur = CASE WHEN DateDiff(d, LA.LearnStartDate, DateAdd(d, 1,
LA.LearnPlanEndDate)) <= 34 THEN 0 --'Very Short'
WHEN DateDiff(d, LA.LearnStartDate, DateAdd(d, 1,
LA.LearnPlanEndDate)) < 24*7 THEN 1 --'Short'
ELSE 2 --'Long'
END
, SPP = LA.SPP
, Subcontractor_Name = S.Provider_Name
, Subcontractor_UKPRN = LA.PartnerUKPRN
, LAD.SuccRateMapCode
, LAD.SuccRateMapCodeDesc
, Sup_Intern_Excl = LAD.Sup_Intern_Excl
, Traineeship_Excl= LA.Traineeship_Excl
, LA.Transaction_ID
, Tutorial_Excl = LAD.Tutorial_Excl
, UC_Excl = LA.UC_Excl
, UFI_Excl = LA.UFI_Excl
, UKPRN = P.UKPRN
, UKPRN_Orig = LA.UKPRN
, LA.ULN
, Unitisation_Excl= LAD.Unitisation_Excl
, LA.UPIN
, LA.UPIN_Orig --Original L01 as recorded in the final F5 return
, Version = 1.00
, WithdrawalReason= LA.WithdrawReason
, Work_Exp_Excl = LAD.Work_Exp_Excl
, ValidAge
, [Year] = CAST(PR.ReportingYear as varchar) + '/' +
CAST(right(PR.ReportingYear+1,2) AS varchar)
--Additional
, LA.DataSource
, QSR_Stream = CASE WHEN D_WPLProv = 1 THEN 'WPL' ELSE 'CL' END--CASE WHEN
AimType CAST('CL' AS VARCHAR(3))
, LA.NSA
, LA.D_EmpID
, OtherSILR_Excl= LA.OtherSILR_Excl

```

```

, QSR_Status_Excl_Count          = ISNULL(LAD.AimLevel_Excl_Count, 0)
                                +AdultLearnerAccounts_Excl
                                +CL_Excl
                                +Diploma_Excl
                                +E2E_Excl
                                +Employability_Skills_Prog_Excl
                                +ESF_Excl
                                +FirstSteps_Excl
                                +Fund_Qual_Excl
                                +JIP_Excl
                                +JSA_ESA_Excl
                                +LLDD_Placement_Excl
                                +MCL_Excl
                                +Not_Funded_Excl
                                +OLASS_Term_Early_Excl
                                +OLASS_Excl
                                +OtherSILR_Excl
                                +Traineeship_Excl
                                +UC_Excl
                                +UFI_Excl
                                +WPL_Excl

, L_Age
, AimType
, Employability_Skills_Prog_Excl
, MCL_Excl
, WPL_Excl
, LA.AimSeqNumber
, LA.ProgType
, Apprenticeship = CASE WHEN LA.ProgType IN(2,3,10,20,21,22,23) THEN 1 ELSE 0 END
, Timely_LearnActEndDate
, Timely_Outcome
INTO dbo.SR1314_Aims_SN14
FROM dbo.SR1314_FinalMatchedData AS LA
JOIN Temp.LAD_HIER AS LAD ON LAD.LearnAimRef = LA.LearnAimRef
JOIN Temp.Provider AS P ON P.UPIN = LA.UPIN
CROSS JOIN (SELECT ReportingYear FROM Temp.Period) PR
LEFT JOIN PROVIDER.Provider_UKPRN AS S ON CAST(S.UKPRN AS VARCHAR) =
LA.PartnerUKPRN AND PR.ReportingYear BETWEEN S.CREATED AND S.EXPIRED
WHERE
LA.P_ExpEndYr BETWEEN PR.ReportingYear-2 AND PR.ReportingYear
OR
CASE WHEN p_actendyr = 0 THEN PR.ReportingYear+0.5
      WHEN P_ExpEndYr_Overall >= p_actendyr THEN P_ExpEndYr_Overall
      ELSE p_actendyr
END BETWEEN PR.ReportingYear-2 AND PR.ReportingYear

CREATE PROCEDURE system.usp_SR1314_ProviderLookup
AS
BEGIN
EXEC System.usp_DropTable @TableName = N'Temp.UKPRN_UPIN' -- nvarchar(256)

SELECT *, 2013 YEAR_ID
INTO Temp.UKPRN_UPIN
FROM dbo.SILR1314_Org_UKPRN_UPIN

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.L46, la.l01, 2012
FROM dbo.SILR1213_AIMS_SN14 AS LA

```

```

LEFT JOIN Temp.UKPRN_UPIN AS U ON U.org_UKPRN = LA.L46
WHERE U.org_UKPRN IS NULL

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.L46, la.L01, 2012
FROM dbo.LEOP1213_AIMS_SN14 AS LA
LEFT JOIN Temp.UKPRN_UPIN AS U ON U.org_UKPRN = LA.L46
WHERE U.org_UKPRN IS NULL

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.Grant_Recipient_UKPRN, la.Grant_Recipient_UPIN, 2012--13938964 --
11017367
FROM dbo.EOP1_1213_AIMS_SN14 AS LA
LEFT JOIN Temp.UKPRN_UPIN AS U ON U.org_UKPRN = LA.Grant_Recipient_UKPRN
WHERE U.org_UKPRN IS NULL

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.L46, la.L01, 2011
FROM dbo.SILR1112_Learner_SN14 AS LA
LEFT JOIN Temp.UKPRN_UPIN AS U ON U.Org_UPIN = LA.L01
WHERE U.org_UPIN IS NULL

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.L46, la.L01, 2011--13938964 --11017367
FROM dbo.LEOP1112_AIMS_SN14 AS LA
LEFT JOIN Temp.UKPRN_UPIN AS U ON U.Org_UPIN = LA.L01
WHERE U.org_UPIN IS NULL

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.L46, la.L01, 2010
FROM dbo.ILR1011_LR05_Learner AS LA
LEFT JOIN Temp.UKPRN_UPIN AS U ON U.Org_UPIN = LA.L01
WHERE U.org_UPIN IS NULL

INSERT INTO Temp.UKPRN_UPIN
SELECT DISTINCT LA.L46, la.L01, 2009
FROM dbo.ILR0910_L05_Learner AS LA
LEFT JOIN Temp.UKPRN_UPIN AS U ON U.Org_UPIN = LA.L01
WHERE U.org_UPIN IS NULL

UPDATE Temp.UKPRN_UPIN
SET Org_UKPRN = 10000609
WHERE Org_UPIN = 108147

INSERT INTO Temp.UKPRN_UPIN
SELECT B.UKPRN, B.UPIN, 2014
FROM dbo.SILR1415_Org_UKPRN_UPIN B
LEFT JOIN dbo.SILR1314_Org_UKPRN_UPIN A ON A.Org_UKPRN = B.UKPRN
LEFT JOIN Temp.UKPRN_UPIN U ON U.Org_UKPRN = B.UKPRN
WHERE A.Org_UKPRN IS NULL
AND U.Org_UKPRN IS NULL
AND B.UPIN NOT IN(SELECT Org_UPIN FROM Temp.UKPRN_UPIN)

CREATE INDEX IDX_1 ON Temp.UKPRN_UPIN (Org_UPIN)
CREATE INDEX IDX_2 ON Temp.UKPRN_UPIN (Org_UKPRN)

IF Object_ID('Temp.Provider', N'U') IS NOT NULL
DROP TABLE Temp.Provider

SELECT UKPRN = U.ORG_UKPRN
, UPIN = U.org_UPIN
, Prv_Name = PD.Org_Name

```



```

, Prv_TYPE = ISNULL(PD.Org_LegalOrgType, 'Unknown')
, Provider_GOR = ISNULL(G.Pst_GOR_Gov_Off_Desc, 'Unknown')
, Provider_LocalAuthority = ISNULL(LA.Pst_LOCAL_AUTHO_Desc, 'Unknown')
INTO Temp.PROVIDER
FROM Temp.UKPRN_UPIN U
JOIN dbo.SILR1314_Org_Details PD ON PD.Org_UKPRN = U.Org_UKPRN
LEFT JOIN dbo.Postcode_Geographical_Attributes_May_2014 P ON P.Pst_POSTCODE =
PD.Org_Postcode
LEFT JOIN DBO.Pst_GOR_LOOKUP_20011_12_Format G ON G.Pst_GOR = P.Pst_GOR
LEFT JOIN DBO.Pst_LOCAL_AUTHORITY_LOOKUP_20011_12_Format LA ON
LA.Pst_LOCAL_AUTHORITY = P.Pst_LOCAL_AUTHORITY

```

```
CREATE UNIQUE CLUSTERED INDEX UNQ_CLUS_IDX_Temp_Provider ON Temp.Provider(UPIN)
```

```
END
GO
```

```
CREATE Procedure [System].[usp_SR1314_Aims_HierarchyLookup]
```

```
AS
```

```
BEGIN
```

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

```

--LARS
SELECT ACADEMIC_YEAR_CODE = AcadYear
, 'LARS' SourceFile
, LARS.LearnAimRef
, LARS.LearnAimRefTitle
, SuccRateMAPCodeDesc = CASE WHEN ISNULL(SuccRateMAPCodeDesc, '') = '' THEN
LARS.LearnAimRefTitle ELSE SuccRateMAPCodeDesc END -- cannot find in LARS files???
--If no mapcode use the aim code
, SuccRateMAPCode = CASE WHEN ISNULL(LARS.SuccRateMAPCode, '') = '' THEN
LARS.LearnAimRef ELSE LARS.SuccRateMAPCode END
, LARS.AwardOrgResp
, LARS.LrnAimRefType
, LARS.NotionalNVQLevel_v2
, LARS.NotionalNVQLevel
, LARS.FullLevel2EntitCat
, LARS.FullLevel2Pct
, LARS.FullLevel3EntitCat
, LARS.FullLevel3Pct
, LARS.SecSubjAreaTier1
, LARS.SecSubjAreaTier2
, BasicSkills = CASE WHEN ISNULL(LARS.BasicSkillsType, 'X') IN
('X', 'U') THEN 0 ELSE 1 END
, LARS.BasicSkillsType
, LARS.CreditBasedFwkType
, LARS.RgltcCreditVal
INTO #AIMDETAILS
FROM Dbo.LATEST_HIERARCHY_DOWNLOAD AS LARS

```

```

--LARA
INSERT INTO #AIMDETAILS
SELECT ACADEMIC_YEAR_CODE = '1314'
, 'LARA' SourceFile
, 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 0 ELSE 1 END
, SKILLS_FOR_LIFE_TYPE_CODE
, CREDIT_BASED_TYPE_CODE
, REGULATED_CREDIT_VALUE
FROM
dbo.LARA_HIERARCHY_20131031 AS HIER
WHERE
HIER.Learning_Aim_Ref NOT IN (SELECT LearnAimRef FROM #AIMDETAILS)

--Aims not migrated to LARA
INSERT INTO #AIMDETAILS
SELECT ACADEMIC_YEAR_CODE = '1314'
, 'LAD' SourceFile
, LAD.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 = CASE WHEN LEVEL2_PERCENTAGE = '' THEN NULL ELSE
LEVEL2_PERCENTAGE END
, LEVEL3_ENTITLEMENT_CAT_CODE
, LEVEL3_PERCENTAGE = CASE WHEN LEVEL3_PERCENTAGE = '' THEN NULL ELSE
LEVEL3_PERCENTAGE END
, SSA_TIER1_CODE
, SSA_TIER2_CODE
, SKILLS_FOR_LIFE = CASE WHEN ISNULL(SKILLS_FOR_LIFE_TYPE_CODE, 'X') IN
('X','U') THEN 0 ELSE 1 END
, SKILLS_FOR_LIFE_TYPE_CODE
, QCFT.FFA_TYPE_CODE
, FFC.FFA_Credit
FROM
dbo.HIER_20111123_1011_PSV AS LAD
JOIN dbo.LAD_1011 AS A_LAD ON A_LAD.A09 = LAD.LEARNING_AIM_REF
LEFT JOIN LAD.QCF_FFA_Type AS QCFT ON QCFT.LEARNING_AIM_REF =
LAD.LEARNING_AIM_REF
LEFT JOIN LAD.FFA_Credit AS FFC ON FFC.LEARNING_AIM_REF =
LAD.LEARNING_AIM_REF
WHERE
LAD.Learning_Aim_Ref NOT IN (SELECT A.LearnAimRef FROM #AIMDETAILS A)

```

```

SELECT AD.*
      , AimLevel_Excl_Count =
Add_Unit_Excl+Diagnostic_Excl+FoundationLearningWeekly_Excl+Innovation_Excl+KeySkills_Excl+Sup_Intern_Excl+Tutorial_Excl+Unitisation_Excl+Work_Exp_Excl
      , QTT.Minimum_Standards_Group
INTO Temp.LAD_HIER
FROM ( SELECT *
      , Add_Unit_Excl = CASE WHEN LrnAimRefType = 'X901' THEN 1 ELSE 0 END
      , D_FullLevel2 = CASE WHEN FullLevel3EntitCat IN('1','2','3')
                          AND FullLevel3Pct >= 100 THEN 0
                          WHEN FullLevel2EntitCat IN('1','4')
                          AND FullLevel2Pct >= 100 THEN 1
                          ELSE 0
                          END
      , D_FullLevel3 = CASE WHEN FullLevel3EntitCat IN('1','2','3')
                          AND FullLevel3Pct >= 100 THEN 1
                          ELSE 0
                          END
      , Diagnostic_Excl = CASE WHEN LrnAimRefType = '8011' THEN 1 ELSE 0 END
      , FoundationLearningWeekly_Excl = CASE WHEN LearnAimRef = 'ZFLW0001' THEN
1 ELSE 0 END
      , Innovation_Excl = CASE WHEN LearnAimRef LIKE 'ZINN000[1-6]' THEN 1
                          WHEN LearnAimRef LIKE 'Z000%'
                          AND ISNUMERIC(Right(LearnAimRef,4)) = 1
                          AND Right(LearnAimRef,4) BETWEEN 4474 AND 7833 THEN
1
                          ELSE 0
                          END
      , KeySkills_Excl = CASE WHEN LrnAimRefType = '1327' THEN 1 ELSE 0 END
      , Sup_Intern_Excl = CASE WHEN LearnAimRef = 'Z0002347' THEN 1
ELSE 0 END
      , Tutorial_Excl = CASE WHEN LearnAimRef IN ('CMISC001','XESF0001')
THEN 1 ELSE 0 END
      , Unitisation_Excl = CASE WHEN LrnAimRefType IN ('8008','8009') THEN 1
ELSE 0 END
      , Work_Exp_Excl = CASE WHEN LearnAimRef LIKE 'Z000783[4-8]' THEN 1 ELSE 0
END
      , Qualification_Size = CASE WHEN LrnAimRefType = '1440' THEN 'Access
to HE'
                          WHEN CreditBasedFwkType IN ('01','02','03') AND
ISNULL(RgltdCreditVal, 0) > 0 THEN
CASE WHEN LrnAimRefType = '1448' THEN 'QCF Unit'
      WHEN RgltdCreditVal BETWEEN 1 AND 12 THEN 'Award'
      WHEN RgltdCreditVal BETWEEN 13 AND 36 THEN 'Certificate'
      WHEN RgltdCreditVal >= 37 THEN 'Diploma'
      END
                          WHEN ISNULL(CreditBasedFwkType, 'X') IN
('01','02','03','X') THEN
CASE WHEN LrnAimRefType IN ('0002','1413','1414','1415',
'1417','1418','1430','1431','1434','1435','1453') THEN 'A Level'
      WHEN LrnAimRefType IN ('0001','1416','1432','1433')
      THEN 'AS Level'
      WHEN LrnAimRefType IN ('1401','1441','1442','1443',
'1444')
      THEN 'Diploma'
      WHEN LrnAimRefType IN ('0003','1081','1422','2999') AND
SuccRateMAPCode IN ('B1220137','B0220076') THEN 'GCSE Maths and English'
      WHEN LrnAimRefType IN ('0003','1081','1422','2999')
      THEN 'GCSE Other'
      WHEN BasicSkillsType IN ('22','26','27','28') AND
LrnAimRefType NOT IN ('1439','1448') THEN 'ESOL'
      WHEN BasicSkillsType IN ('01','02','19','20','21','23')
AND LrnAimRefType NOT IN ('1448') THEN 'Functional Skills SfL'

```

```

        WHEN ISNULL(CreditBasedFwkType, 'X') <> 'X'
            THEN 'Other Regulated'
        WHEN LrnAimRefType IN ('1328', '1436', '1440')
            THEN 'Other Regulated'
        WHEN LEFT(LearnAimRef,1) IN ('1', '5', '6', 'Q')
            THEN 'Other Regulated'
        WHEN LEFT(LearnAimRef,4) IN ('CUNA', 'ZUNA', 'ZUQA', 'ZUXA')
            THEN 'Other Regulated'

            ELSE 'Other Non-Regulated'
        END
    WHEN LrnAimRefType IN ('1328', '1436', '1440')
        THEN 'Other Regulated'
    WHEN LEFT(LearnAimRef,1) IN ('1', '5', '6', 'Q')
        THEN 'Other Regulated'
    WHEN LEFT(LearnAimRef,4) IN ('CUNA', 'ZUNA', 'ZUQA', 'ZUXA')
        THEN 'Other Regulated'

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

    ELSE 'Other'
    END
    FROM #AIMDETAILS) AD
    JOIN QSR.MinimumStandardQualificationTypeThresholds QTT ON QTT.Qualification_Size
    = AD.Qualification_Size

CREATE UNIQUE CLUSTERED INDEX IDX_Learning_AIM_Ref ON Temp.LAD_HIER(LearnAimRef)

END
GO

CREATE Procedure [system].[usp_SR1314_MergersLookups] (@Year_ID INT)

AS

BEGIN

EXEC system.usp_DropTable 'dbo.LR_L03_Mergers'
EXEC system.usp_DropTable 'dbo.L03_Mergers'
EXEC system.usp_DropTable 'dbo.L01_Mergers'

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

SELECT *
INTO dbo.L03_Mergers
FROM dbo.vw_L03_Mergers

CREATE CLUSTERED INDEX IDX_L03 ON dbo.L03_Mergers (L01, L03)

```

```

-- Re-instate for 12/13
--Temporary Data Fix
DELETE FROM dbo.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        dbo.L03_Mergers M
           JOIN (      SELECT    L01, L03, DateOfChange
                        FROM      ( SELECT    DISTINCT L01, L03, L03_New, DateOfChange--,
Mrg_Academic_Year
                                FROM      dbo.L03_Mergers ) M
                        GROUP BY L01, L03, DateOfChange
                        Having COUNT(*) > 1) D ON D.L01 = M.L01
                                AND D.L03 = M.L03

DELETE      M
FROM        dbo.L03_Mergers M
           JOIN (      SELECT    L01, L03, MAX(DateOfChange) DateOfChange
                        FROM      ( SELECT    DISTINCT L01, L03, L03_New, DateOfChange --
Mrg_Academic_Year
                                FROM      dbo.L03_Mergers) M
                        GROUP BY L01, L03
                        Having COUNT(*) > 1) D ON D.L01 = M.L01
                                AND D.L03 = M.L03
                                AND D.DateOfChange = M.DateOfChange

---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 dbo.L03_Mergers WHERE L01 = L01_New AND L03 = L03_New

    UPDATE      ML2
    SET         ML2.L03_New = ML.L03_New
    FROM        dbo.L03_Mergers ML
           JOIN dbo.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        dbo.L01_Mergers
FROM        dbo.LR_L01_Mergers
WHERE      Mrg_Academic_Year < @Year_ID
           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        dbo.L01_Mergers ML
           JOIN dbo.L01_Mergers ML2 ON ML.L01 = ML2.L01_New

```

```

END

END
GO

create Procedure [System].[usp_QSR_Aim_Match_Harvest] (@Year_ID INT)

AS

DECLARE @SQL VARCHAR(MAX)

BEGIN

INSERT INTO dbo.QSR_AIM_Match_Harvest
SELECT  @Year_ID-1
        , A.DataSource
        , A.Transaction_ID
        , A.UPIN
        , A.UKPRN
        , A.LearnRefNumber
        , A.LearnAimRef
        , A.FundModel
        , A.LearnStartDate
        , A.LearnPlanEndDate
        , A.LearnActEndDate
        , A.CompStatus
        , A.WithdrawReason
        , A.AimSeqNumber
        , B.A_TO_DATE_SLN_PAYMENT
        , B.A_TOTAL_PAYMENT
        , B.EFA_Funded
        , A.UPIN_New
        , A.LearnRefNumber_New
        , A.P_StartYr
        , A.P_ExpEndYr
        , RANK() OVER(PARTITION BY 1
                      ORDER BY UPIN_New
        , LearnRefNumber_New
        , UPIN
        , LearnRefNumber
        , LearnAimRef
        , LearnStartDate
        , LearnPlanEndDate
        , CASE WHEN CompStatus = 4 THEN 2
              WHEN WithdrawReason = 7 THEN 2
              WHEN LearnActEndDate IS NOT NULL THEN 1
              ELSE 0
        END DESC
        , AimSeqNumber
        , SourceYear_ID) [Rank]
        , CAST(0 AS INT) [MATCHED]
        , CAST(0 AS INT) MatchYear
        , CAST(0 AS INT) MatchedRank
        , In_LR = B.In_LR | B.In_LR_0910 | B.In_LR_1011 | B.In_LR_1112 | B.In_LR_1213
| B.In_LR_1314
        , A.SourceYear_ID
FROM Temp.QSR_Aim_Matching 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(ISNULL(A_TO_DATE_SLN_PAYMENT,0)) A_TO_DATE_SLN_PAYMENT

```

```

, SUM(ISNULL(A_Total_Payment_Y2D,0)) A_TOTAL_PAYMENT
, MAX(CASE WHEN SourceYear_ID = 2009 THEN 1 ELSE 0 END) In_LR_0910
, MAX(CASE WHEN SourceYear_ID = 2010 THEN 2 ELSE 0 END) In_LR_1011
, MAX(CASE WHEN SourceYear_ID = 2011 THEN 4 ELSE 0 END) In_LR_1112
, MAX(CASE WHEN SourceYear_ID = 2012 THEN 8 ELSE 0 END) In_LR_1213
, MAX(CASE WHEN SourceYear_ID = 2013 THEN 16 ELSE 0 END) In_LR_1314
, MAX(EFA_Funded) EFA_Funded
, MAX(In_LR) In_LR
FROM Temp.QSR_Aim_Matching 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

SELECT @SQL = 'INSERT INTO dbo.QSR_AIM_Match_Harvest
SELECT *
, P_StartYr = CASE WHEN DatePart(m, LearnStartDate) >= 8 THEN DatePart(yy,
LearnStartDate)
WHEN DatePart(m, LearnStartDate) < 8 THEN DatePart(yy, LearnStartDate)-1
ELSE 0
END
, P_ExpEndYr = CASE WHEN DatePart(m, LearnPlanEndDate) >= 8 THEN
DatePart(yy, LearnPlanEndDate)
WHEN DatePart(m, LearnPlanEndDate) < 8 THEN DatePart(yy, LearnPlanEndDate)-1
ELSE 0
END
, RANK() OVER(PARTITION BY 1
--Sequence using the following
ORDER BY UPIN_New
, LearnRefNumber_New
, UPIN
, LearnRefNumber
, LearnAimRef
, LearnStartDate
, LearnPlanEndDate
--Ensure anything with an actual end date or is a transfer
--is seeded first
, CASE WHEN CompStatus = 4 THEN 2
WHEN WithdrawReason = 7 THEN 2
WHEN LearnActEndDate IS NOT NULL THEN 1
ELSE 0
END DESC
, AimSeqNumber) [Rank]
, CAST(0 AS INT) [MATCHED]
, CAST(0 AS INT) MatchYear
, CAST(0 AS INT) MatchedRank
, CAST(0 AS INT) In_LR
, A.Year_ID
FROM (
SELECT L.*
, CASE WHEN M.L01 IS NULL THEN L.UPIN ELSE M.L01_New END UPIN_New
, CASE WHEN M2.L03 IS NULL THEN L.LearnRefNumber ELSE M2.L03_New END
LearnRefNumber_New
FROM ( '

IF @Year_ID = 2009
SELECT @SQL = @SQL + '
SELECT Year_ID = LEFT(LA.Year, 4)
, DataSource = CAST(''ILR'' AS VARCHAR(4))
, LA.Transaction_ID
, UPIN = LA.L01
, UKPRN = U.Org_UKPRN

```

```

, LearnRefNumber = LA.L03
, LearnAimRef    = LA.A09
, FundModel      = LA.A10
, LearnStartDate = LA.A27
, LearnPlanEndDate= LA.A28
, LearnActEndDate = LA.A31
, CompStatus     = LA.A34
, WithdrawReason = LA.A50
, AimSeqNumber   = LA.A05
, A_TO_DATE_SLN_PAYMENT      = LA.A_TO_DATE_SLN_PAYMENT
, A_Total_Payment_Y2D       = DLF.A_Total_Payment_Y2D
, EFA_Funded = 0
FROM  dbo.ILR0910_L05_AIMS AS LA
      LEFT JOIN dbo.ILR0910_L05_AIMS_DLF AS DLF ON DLF.L01 = LA.L01
      AND DLF.L03 = LA.L03
      AND DLF.A05 = LA.A05
      JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UPIN = LA.L01'

```

```

IF @Year_ID = 2010
  SELECT @SQL = @SQL + '
SELECT  Year_ID      = LEFT(LA.Year, 4)
        , DataSource = CAST(''ILR'' AS VARCHAR(4))
        , LA.Transaction_ID
        , UPIN       = LA.L01
        , UKPRN      = U.Org_UKPRN
        , LearnRefNumber = LA.L03
        , LearnAimRef   = LA.A09
        , FundModel     = LA.A10
        , LearnStartDate = LA.A27
        , LearnPlanEndDate= LA.A28
        , LearnActEndDate = LA.A31
        , CompStatus    = LA.A34
        , WithdrawReason = LA.A50
        , AimSeqNumber   = LA.A05
        , A_TO_DATE_SLN_PAYMENT      = LA.A_TO_DATE_SLN_PAYMENT
        , A_Total_Payment_Y2D       = DLF.A_Total_Payment_Y2D
        , 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
FROM  dbo.ILR1011_LR05_AIMS AS LA
      LEFT JOIN dbo.ILR1011_LR05_AIMS_DLF AS DLF ON DLF.L01 = LA.L01 AND DLF.L03 =
LA.L03 AND DLF.A05 = LA.A05
      JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UPIN = LA.L01'

```

```

IF @Year_ID = 2011
  SELECT @SQL = @SQL + '
SELECT  Year_ID      = LEFT(LA.Year, 4)
        , DataSource = ''ILR''
        , LA.Transaction_ID
        , UPIN       = LA.L01
        , UKPRN      = U.Org_UKPRN
        , LearnRefNumber = LA.L03

```



```

, LearnAimRef      = LA.A09
, FundModel        = LA.A10
, LearnStartDate   = LA.A27
, LearnPlanEndDate= LA.A28
, LearnActEndDate  = LA.A31
, CompStatus       = LA.A34
, WithdrawReason   = LA.A50
, AimSeqNumber     = LA.A05
, A_TO_DATE_SLN_PAYMENT      = LA.A_TO_DATE_SLN_PAYMENT
, A_Total_Payment_Y2D        = ISNULL(DLF.A_Total_Payment_Y2D, 0)
, EFA_Funded   = CASE WHEN LA.A_Agency_Funding IN (5,6) THEN 1 ELSE 0 END
FROM  dbo.SILR1112_AIMS_SN14      AS LA
LEFT JOIN  dbo.SILR1112_FUNDING_AIMS_SN14      AS DLF  ON DLF.L01 = LA.L01 AND
DLF.L03 = LA.L03 AND DLF.A05 = LA.A05
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UPIN = LA.L01

UNION ALL
SELECT      Year_ID      = LEFT(LA.Year, 4)
, DataSource   = 'LEOP'
, LA.Transaction_ID
, UPIN        = LA.L01
, UKPRN       = U.Org_UKPRN
, LearnRefNumber = LA.L03
, LearnAimRef  = LA.A09
, FundModel    = LA.A10
, LearnStartDate = LA.A27
, LearnPlanEndDate= LA.A28
, LearnActEndDate = LA.A31
, CompStatus   = LA.A34
, WithdrawReason = -1
, AimSeqNumber  = LA.A05
, A_TO_DATE_SLN_PAYMENT      = 1
, A_Total_Payment_Y2D        = 0
, EFA_Funded   = 0
FROM  dbo.LEOP1112_AIMS_SN14      AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UPIN = LA.L01'

IF @Year_ID = 2012
SELECT @SQL = @SQL + '
SELECT      Year_ID      = LEFT(LA.Year, 4)
, DataSource   = 'ILR'
, LA.Transaction_ID
, UPIN        = U.Org_UPIN
, UKPRN       = LA.L46
, LearnRefNumber = LA.L03
, LearnAimRef  = LA.A09
, FundModel    = LA.A10
, LearnStartDate = LA.A27
, LearnPlanEndDate= LA.A28
, LearnActEndDate = LA.A31
, CompStatus   = LA.A34
, WithdrawReason = LA.A50
, AimSeqNumber  = LA.A05
, A_TO_DATE_SLN_PAYMENT      = LA.A_TO_DATE_SLN_PAYMENT
, A_Total_Payment_Y2D        = ISNULL(DLF.A_Total_Payment_Y2D, 0)
, EFA_Funded   = CASE WHEN LA.A_Agency_Funding IN (5,6) THEN 1 ELSE 0 END
FROM  dbo.SILR1213_AIMS_SN14      AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.L46
LEFT JOIN  dbo.SILR1213_FUNDING_AIMS_SN14      AS DLF  ON DLF.L46 = LA.L46 AND
DLF.L03 = LA.L03 AND DLF.A05 = LA.A05

```

```

UNION ALL
SELECT      Year_ID      = LEFT(LA.Year, 4)
, DataSource  = 'LEOP'
, LA.Transaction_ID
, UPIN       = U.Org_UPIN
, UKPRN      = LA.L46
, LearnRefNumber = LA.L03
, LearnAimRef  = LA.A09
, FundModel   = LA.A10
, LearnStartDate = LA.A27
, LearnPlanEndDate= LA.A28
, LearnActEndDate = LA.A31
, CompStatus  = LA.A34
, WithdrawReason = -1
, AimSeqNumber = LA.A05
, A_TO_DATE_SLN_PAYMENT      = 1
, A_Total_Payment_Y2D       = 0
, EFA_Funded                = 0
FROM      dbo.LEOP1213_AIMS_SN14      AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.L46

```

```

UNION ALL
SELECT      Year_ID      = LEFT(LA.Year, 4)
, DataSource  = 'EOP1'
, LA.Transaction_ID
, UPIN       = U.Org_UPIN
, UKPRN      = LA.Grant_Recipient_UKPRN
, LearnRefNumber = LA.L03
, LearnAimRef  = LA.A09
, FundModel   = LA.A10
, LearnStartDate = LA.A27
, LearnPlanEndDate= LA.A28
, LearnActEndDate = LA.A31
, CompStatus  = LA.A34
, WithdrawReason = LA.A50
, AimSeqNumber = LA.A05
, A_TO_DATE_SLN_PAYMENT      = 1
, A_Total_Payment_Y2D       = 0
, EFA_Funded                = 0
FROM      dbo.EOP1_1213_AIMS_SN14      AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.Grant_Recipient_UKPRN'

```

```

IF @Year_ID = 2013
    SELECT @SQL = @SQL + '
SELECT      Year_ID      = LEFT(LA.Year, 4)
, DataSource  = 'ILR'
, LA.Transaction_ID
, UPIN       = U.Org_UPIN
, LA.UKPRN
, LA.LearnRefNumber
, LA.LearnAimRef
, LA.FundModel
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.WithdrawReason
, LA.AimSeqNumber
, A_TO_DATE_SLN_PAYMENT      = CASE WHEN D_FEFUND IN (1,2,3) THEN 1 ELSE 0 END

```

```

, D_TotalPayment_Y2D = ISNULL(DLF.D_TotalPayment_Y2D, 0)
, EFA_Funded = CASE WHEN LA.D_FundAgency IN (5,6) THEN 1 ELSE 0 END
FROM dbo.SILR1314_AIMS_SN14 AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.UKPRN
LEFT JOIN dbo.SILR1314_Funding_Aims_SFA_SN14 AS DLF ON DLF.UKPRN = LA.UKPRN
AND DLF.LearnRefNumber = LA.LearnRefNumber
AND DLF.AimSeqNumber = LA.AimSeqNumber

UNION ALL
SELECT Year_ID = LEFT(LA.Year, 4)
, DataSource = 'LEOP'
, LA.Transaction_ID
, UPIN = U.Org_UPIN
, LA.UKPRN
, LA.LearnRefNumber
, LA.LearnAimRef
, LA.FundModel
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, WithdrawReason = -1
, LA.AimSeqNumber
, A_TO_DATE_SLN_PAYMENT = CASE WHEN D_FEFUND IN (1,2,3) THEN 1 ELSE 0 END
, A_Total_Payment_Y2D = 0
, EFA_Funded = 0
FROM dbo.LEOP1314_AIMS_E14 AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.UKPRN
UNION ALL
SELECT Year_ID = LEFT(LA.Year, 4)
, DataSource = 'EOP1'
, LA.Transaction_ID
, UPIN = U.Org_UPIN
, UKPRN = LA.Grant_Recipient_UKPRN
, LA.LearnRefNumber
, LA.LearnAimRef
, LA.FundModel
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.WithdrawReason
, LA.AimSeqNumber
, A_TO_DATE_SLN_PAYMENT = CASE WHEN D_FEFUND IN (1,2,3) THEN 1 ELSE 0 END
, A_Total_Payment_Y2D = 0
, EFA_Funded = 0
FROM dbo.EOP1_1314_AIMS_E14 AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.Grant_Recipient_UKPRN'

IF @Year_ID = 2014
SELECT @SQL = @SQL + '
SELECT Year_ID = LEFT(LA.Year, 4)
, DataSource = 'ILR'
, LA.Transaction_ID
, UPIN = U.Org_UPIN
, LA.UKPRN
, LA.LearnRefNumber
, LA.LearnAimRef
, LA.FundModel

```

```

, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.WithdrawReason
, LA.AimSeqNumber
, A_TO_DATE_SLN_PAYMENT = CASE WHEN D_FEFUND IN (1,2,3) THEN 1 ELSE 0 END
, D_TotalPayment_Y2D = ISNULL(DLF.D_TotalPayment_Y2D, 0)
, EFA_Funded = CASE WHEN LA.D_FundAgency IN (5,6) THEN 1 ELSE 0 END
FROM dbo.SILR1415_AIMS_SN04 AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID-1 AS
varchar) + ') U ON U.Org_UKPRN = LA.UKPRN
LEFT JOIN dbo.SILR1415_Funding_Aims_SFA_SN04 AS DLF ON DLF.UKPRN = LA.UKPRN
AND DLF.LearnRefNumber = LA.LearnRefNumber
AND DLF.AimSeqNumber = LA.AimSeqNumber
WHERE LA.LearnPlanEndDate <= '31-Jul-2014'

UNION ALL
SELECT Year_ID = LEFT(LA.Year, 4)
, DataSource = 'LEOP'
, LA.Transaction_ID
, UPIN = U.Org_UPIN
, LA.UKPRN
, LA.LearnRefNumber
, LA.LearnAimRef
, LA.FundModel
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, WithdrawReason = -1
, LA.AimSeqNumber
, A_TO_DATE_SLN_PAYMENT = CASE WHEN D_FEFUND IN (1,2,3) THEN 1 ELSE 0 END
, A_Total_Payment_Y2D = 0
, EFA_Funded = 0
FROM dbo.LEOP1415_AIMS_E04 AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.UKPRN
UNION ALL
SELECT Year_ID = LEFT(LA.Year, 4)
, DataSource = 'EOP1'
, LA.Transaction_ID
, UPIN = U.Org_UPIN
, UKPRN = LA.Grant_Recipient_UKPRN
, LA.LearnRefNumber
, LA.LearnAimRef
, LA.FundModel
, LA.LearnStartDate
, LA.LearnPlanEndDate
, LA.LearnActEndDate
, LA.CompStatus
, LA.WithdrawReason
, LA.AimSeqNumber
, A_TO_DATE_SLN_PAYMENT = CASE WHEN D_FEFUND IN (1,2,3) THEN 1 ELSE 0 END
, A_Total_Payment_Y2D = 0
, EFA_Funded = 0
FROM dbo.EOP1_1415_AIMS_E04 AS LA
JOIN (SELECT * FROM Temp.UKPRN_UPIN Where Year_ID >= ' + Cast(@Year_ID AS
varchar) + ') U ON U.Org_UKPRN = LA.Grant_Recipient_UKPRN'

SELECT @SQL = @SQL + ') L
LEFT JOIN dbo.L01_Mergers M ON M.L01 = L.UPIN

```

```

LEFT JOIN dbo.L03_Mergers M2 ON M2.L01 = L.UPIN
AND M2.L03 = L.LearnRefNumber
AND ISNULL(M2.L03_New, '') != '' ) A

```

```

--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 UPIN
DELETE M2
FROM dbo.QSR_AIM_Match_Harvest M
JOIN dbo.QSR_AIM_Match_Harvest M2 ON M.Year_ID = M2.Year_ID
AND M.UPIN_New = M2.UPIN_New
AND M.LearnRefNumber_New = M2.LearnRefNumber_New
AND M.LearnAimRef = M2.LearnAimRef
AND M.LearnStartDate = M2.LearnStartDate
AND M.P_ExpEndYr = M2.P_ExpEndYr
AND M.UPIN = M.UPIN_New
AND M2.UPIN != M2.UPIN_New
WHERE M.Year_ID = ' + CAST(@Year_ID as varchar)

```

```

IF @Year_ID Between 2009 AND 2014
BEGIN
    SELECT @SQL
    EXEC (@SQL)
END
END
GO

```

```

CREATE Procedure [system].[usp_QSR_Aim_MatchProcess] (@Year_ID int)

```

```

AS

```

```

DECLARE @NextYear_ID int
DECLARE @RowCheck int

```

```

UPDATE A
SET Matched = 0
, MatchYear = 0
, MatchedRank = 0
FROM Temp.QSR_Aim_Matching A

```

```

SELECT @NextYear_ID = @Year_ID + 1

```

```

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, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, LearnPlanEndDate, LearnActEndDate, Max(Rank) Rank
FROM Temp.QSR_Aim_Matching A
WHERE A.Year_ID IN(@Year_ID)
AND MatchYear < @NextYear_ID

```

```

        GROUP BY Year_ID, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, LearnPlanEndDate, LearnActEndDate) A
        JOIN ( SELECT A.Year_ID, A.UPIN_New, A.LearnRefNumber_New,
A.LearnAimRef, A.LearnStartDate, A.LearnPlanEndDate, A.LearnActEndDate, Max(A.Rank)
Rank
        FROM Temp.QSR_Aim_Matching A
        WHERE A.Year_ID IN(@NextYear_ID)
        AND A.Matched = 0
        GROUP BY A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.LearnPlanEndDate, A.LearnActEndDate) B ON A.UPIN_New = B.UPIN_New
        AND A.LearnRefNumber_New = B.LearnRefNumber_New
        AND A.LearnAimRef = B.LearnAimRef
        AND A.LearnStartDate = B.LearnStartDate
        AND A.LearnPlanEndDate = B.LearnPlanEndDate
        AND A.LearnActEndDate = B.LearnActEndDate

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1
, MatchYear = B.Year2
, MatchedRank = B.Rank2
FROM Temp.QSR_Aim_Matching 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 Temp.QSR_Aim_Matching 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, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, LearnPlanEndDate, Max(Rank) Rank
        FROM Temp.QSR_Aim_Matching A
        WHERE A.Year_ID IN(@Year_ID)
        AND MatchYear < @NextYear_ID
        GROUP BY Year_ID, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, LearnPlanEndDate) A
        JOIN ( SELECT A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.LearnPlanEndDate, Max(A.Rank) Rank
        FROM Temp.QSR_Aim_Matching A
        WHERE A.Year_ID IN(@NextYear_ID)
        AND A.Matched = 0
        GROUP BY A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.LearnPlanEndDate) B ON A.UPIN_New = B.UPIN_New
        AND A.LearnRefNumber_New = B.LearnRefNumber_New
        AND A.LearnAimRef = B.LearnAimRef
        AND A.LearnStartDate = B.LearnStartDate

```

```

        AND A.LearnPlanEndDate = B.LearnPlanEndDate
SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1
    , MatchYear = B.Year2
    , MatchedRank = B.Rank2
FROM Temp.QSR_Aim_Matching 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 Temp.QSR_Aim_Matching 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, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, P_ExpEndYr, LearnActEndDate, Max(Rank) Rank
    FROM Temp.QSR_Aim_Matching A
    WHERE A.Year_ID IN(@Year_ID)
            AND MatchYear < @NextYear_ID
    GROUP BY Year_ID, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, P_ExpEndYr, LearnActEndDate) A
    JOIN ( SELECT A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.P_ExpEndYr, A.LearnActEndDate, Max(A.Rank) Rank
    FROM Temp.QSR_Aim_Matching A
    WHERE A.Year_ID IN(@NextYear_ID)
            AND A.Matched = 0
    GROUP BY A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.P_ExpEndYr, A.LearnActEndDate) B ON A.UPIN_New = B.UPIN_New

            AND A.LearnRefNumber_New = B.LearnRefNumber_New
            AND A.LearnAimRef = B.LearnAimRef
            AND A.LearnStartDate = B.LearnStartDate
            AND A.P_ExpEndYr = B.P_ExpEndYr
            AND A.LearnActEndDate = B.LearnActEndDate

SELECT @RowCheck = @@RowCount

UPDATE A
SET Matched = 1
    , MatchYear = B.Year2
    , MatchedRank = B.Rank2
FROM Temp.QSR_Aim_Matching 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 Temp.QSR_Aim_Matching 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, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, P_ExpEndYr, Max(Rank) Rank
    FROM Temp.QSR_Aim_Matching A
    WHERE A.Year_ID IN(@Year_ID)
          AND MatchYear < @NextYear_ID
    GROUP BY Year_ID, UPIN_New, LearnRefNumber_New, LearnAimRef,
LearnStartDate, P_ExpEndYr) A
    JOIN ( SELECT A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.P_ExpEndYr, Max(A.Rank) Rank
    FROM Temp.QSR_Aim_Matching A
    WHERE A.Year_ID IN(@NextYear_ID)
          AND A.Matched = 0
    GROUP BY A.Year_ID, A.UPIN_New, A.LearnRefNumber_New, A.LearnAimRef,
A.LearnStartDate, A.P_ExpEndYr) B ON A.UPIN_New = B.UPIN_New

        AND A.LearnRefNumber_New = B.LearnRefNumber_New
        AND A.LearnAimRef = B.LearnAimRef
        AND A.LearnStartDate = B.LearnStartDate
        AND A.P_ExpEndYr = B.P_ExpEndYr

    SELECT @RowCheck = @@RowCount

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

    DROP Table #Match4

END

UPDATE A
SET Matched = 0

```



```
        , MatchYear    = 0
        , MatchedRank  = 0
FROM Temp.QSR_Aim_Matching A
WHERE Year_ID = @NextYear_ID
```

```
RETURN(0)
GO
```

Apprenticeships dataset production

```
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE Procedure [dbo].[usp_Create_APPS_SR_Dataset]
AS

BEGIN
DECLARE @Year_ID INT
SET      @Year_ID = 2013          -- Set to Reporting Year

--Update L01,L03 changes file with PrevUKPRN, PrevLearnRefNumber details from 13/14
files
EXEC  QSR_P12.dbo.usp_Create_L03_1314_Changes

IF OBJECT_ID('MI_Warehouse_Staging.dbo.ER_L03_Mergers_App', 'U') IS NOT NULL
    DROP TABLE MI_Warehouse_Staging.dbo.ER_L03_Mergers_App

SELECT  *, GETDATE() ER_MT_ProcessedDate
INTO    MI_Warehouse_Staging.dbo.ER_L03_Mergers_App
FROM    QSR_P12.dbo.vw_L03_Mergers

IF OBJECT_ID('tempdb..#ER_L03_Mergers') IS NOT NULL
    DROP TABLE #ER_L03_Mergers

SELECT  *
INTO    #ER_L03_Mergers
FROM    QSR_P12.dbo.vw_L03_Mergers

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

--Temporary Data Fix re-instated for 12/13
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
DELETE      M
FROM        #ER_L03_Mergers M
           JOIN (      SELECT  L01, L03, DateOfChange
                       FROM    ( SELECT  DISTINCT L01, L03, L03_New, DateOfChange
                                   FROM    #ER_L03_Mergers) M
                               GROUP BY L01, L03, DateOfChange
                               Having COUNT(*) > 1) D ON D.L01 = M.L01
                                   AND D.L03 = M.L03

DELETE      M
FROM        #ER_L03_Mergers M
           JOIN (      SELECT  L01, L03, MAX(DateOfChange) DateOfChange
                       FROM    ( SELECT  DISTINCT L01, L03, L03_New, DateOfChange
                                   FROM    #ER_L03_Mergers) M
                               GROUP BY L01, L03
                               Having COUNT(*) > 1) D ON D.L01 = M.L01
                                   AND D.L03 = M.L03
                                   AND D.DateOfChange = M.DateOfChange

--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

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

-----Drop and Create 14/15 Apps_Data-----
-----includes SILR, LEOP, and EOP-----
IF OBJECT_ID('MI_Warehouse_Staging.dbo.APPS_QSR_1415_R04', 'U') IS NOT NULL
    DROP TABLE MI_Warehouse_Staging.dbo.APPS_QSR_1415_R04

SELECT
    DataSource           = CAST('ILR' AS varchar(4))
    ,Year_ID             = CAST(2014 AS int)
    ,AC_Year             = CAST('2014' AS varchar(50))
    ,L01                 = CAST(ISNULL(M.L01_New, U.UPIN) AS int)
    ,L03_New             = CAST(ISNULL(M.L03_New, AIMS.LearnRefNumber) AS
varchar(50))
    ,L01_Orig            = CAST(U.UPIN AS int)
    ,L03_Orig            = CAST(AIMS.LearnRefNumber AS varchar(50))
    ,UKPRN               = AIMS.UKPRN
    ,PrevUKPRN           = AIMS.PrevUKPRN
    ,L11                 = CAST(L.DateOfBirth AS datetime)
    ,L12                 = L.Ethnicity
    ,L13                 = L.Sex
    ,L14                 = L.LDDHealthProb
    ,L15                 = L.L_Disability
    ,L16                 = L.L_LearnDiff
    ,L17                 = L.L_PriorPcode
    ,L25                 = -1
    ,L44                 = '-1'

```

```

,L_Age = L.L_Age
,ULN = 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)
,PwayCode = PwayCode
,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_agemst = AIMS.D_AgeAimStart
,A50 = AIMS.WithdrawReason
,L39 = L.Dest
,P_prog_status = AIMS.D_Successratestatus
,Period = SILR.Period
,A_TOTAL_Payment_Y2D = PFUND.A_TOTAL_Payment_Y2D
,Priority = CASE WHEN AIMS.CompStatus IN(3,4,6) THEN 1 ELSE 0
END
,Sequence = CAST(1 AS int)
,Rnk = CAST(1 AS int)
,L01_Change = CASE WHEN ISNULL(M.L01_New, U.UPIN) = U.UPIN THEN 0
ELSE 1 END
INTO
MI_Warehouse_Staging.dbo.APPS_QSR_1415_R04
FROM
ILRExtract.dbo.SILR1415_Aims_SN04 AS AIMS
JOIN ILRExtract.dbo.SILR1415_Learner_SN04 AS L ON AIMS.UKPRN =
L.UKPRN AND AIMS.LearnRefNumber = L.LearnRefNumber
JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period AS SILR ON
SILR.IA_Return = AIMS.IA_Return AND AIMS.Year = SILR.Year
JOIN ILRExtract.dbo.SILR1415_Org_UKPRN_UPIN AS U ON U.UKPRN =
AIMS.UKPRN
LEFT JOIN #ER_L03_Mergers AS M ON U.UPIN = M.L01 AND
AIMS.LearnRefNumber = M.L03
LEFT JOIN QSR_P12.dbo.SILR1415_PROG_FUNDING_SN04 AS PFUND ON U.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, 22, 23)
AND AIMS.LearnStartDate <= '31-Jul-2014'
AND AIMS.LearnPlanEndDate <= '31-Jul-2014'
AND AIMS.LearnActEndDate <= DateAdd(d,90, '31-Jul-2014')
AND AIMS.D_Successratestatus = 1
UNION ALL
/*Large Employer Outcome Pilot*/
SELECT *

```

```

FROM (
SELECT
    DataSource = CAST('LEOP' AS varchar (4))
    ,Year_ID = CAST(2014 AS int)
    ,AC_Year = CAST('2014' 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))
    ,UKPRN = AIMS.UKPRN
    ,PrevUKPRN = -1
    ,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)
    ,PwayCode = -1
    ,A27 = AIMS.LearnStartDate
    ,A28 = AIMS.LearnPlanEndDate
    ,A31 = AIMS.LearnActEndDate
    ,A46a = 999
    ,A46b = 999
    ,A46c = 999
    ,A46d = 999
    ,A_ATA_Emp = -1
    ,a_agemt = 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 (3,4,6) THEN 1
        ELSE 0
        END

```

```

,Sequence = CAST(1 AS int)
,Rnk = CAST(1 AS int)
,L01_Change = 0

FROM
ILRExtract.dbo.LEOP1415_AIMS_E04 AS AIMS

LEFT OUTER JOIN ILRExtract.dbo.LEOP1415_LEARNER_E04 AS L ON
AIMS.UKPRN = L.UKPRN and AIMS.LearnRefNumber = L.LearnRefNumber
LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period AS 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, 22, 23)
)T

WHERE
A27 <= '31-Jul-2014'
AND A28 <= '31-Jul-2014'
AND A31 <= DateAdd(d,90,'31-Jul-2014')
AND P_PROG_STATUS = 1

UNION ALL

/*Employer Ownership Pilot*/
SELECT
DataSource = CAST ('EOP1' AS varchar (4))
,Year_ID = CAST(2014 AS int)
,AC_Year = CAST('2014' 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))
,UKPRN = AIMS.Grant_Recipient_UKPRN
,PrevUKPRN = -1
,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 = 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)
,PwayCode = -1
,A27 = AIMS.LearnStartDate
,A28 = AIMS.LearnPlanEndDate
,A31 = AIMS.LearnActEndDate

```

```

,A46a = 999
,A46b = 999
,A46c = 999
,A46d = 999
,A_ATA_Emp = -1
,a_agem = AIMS.D_AgeAimStart
,A50 = AIMS.WithdrawReason
,L39 = L.Dest
,P_prog_status = AIMS.D_Successratestatus
,SILR.Period
,A_TOTAL_Payment_Y2D = NULL
,Priority = CASE WHEN AIMS.CompStatus IN(3,4,6) THEN 1 ELSE 0 END
,Sequence = CAST(1 AS int)
,Rnk = CAST(1 AS int)
,L01_Change = 0
FROM
ILRExtract.dbo.EOP1_1415_AIMS_E04 AS AIMS
LEFT OUTER JOIN ILRExtract.dbo.EOP1_1415_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 AS SILR ON
SILR.IA_Return = AIMS.[IA_RETURN] AND RIGHT(REPLACE(AIMS.YEAR, '/', ''), 4) = SILR.Year_ID
WHERE
AIMS.AimType = 1
AND (
(AIMS.ProgType IN (2,3,10,20,21,22,23))
OR
(Employer_Defined_Programme = 319 AND AIMS.ProgType = 99)
)
AND AIMS.LearnStartDate <= '31-Jul-2014'
AND AIMS.LearnPlanEndDate <= '31-Jul-2014'
AND AIMS.LearnActEndDate <= DateAdd(d,90,'31-Jul-2014')
AND D_Successratestatus = 1

CREATE CLUSTERED INDEX IDX_APPS_QSR_1415_R04 ON
MI_Warehouse_Staging.dbo.APPS_QSR_1415_R04 (L01, L03_New, A15, A26, L01_Change,
Priority DESC, A05 desc)

EXEC MI_Warehouse_Staging.[dbo].[usp_CreateIdentityColumn] 'APPS_QSR_1415_R04',
'Sequence'

-----Drop and Create 13/14 Apps_Data-----
-----includes SILR, LEOP, and EOP-----
IF OBJECT_ID('MI_Warehouse_Staging.dbo.APPS_QSR_1314', 'U') IS NOT NULL
DROP TABLE MI_Warehouse_Staging.dbo.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))
,UKPRN = AIMS.UKPRN
,PrevUKPRN = AIMS.PrevUKPRN
,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          = L.L_Age
,ULN            = 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)
,PwayCode       = PwayCode
,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_agemst      = AIMS.D_AgeAimStart
,A50            = AIMS.WithdrawReason
,L39            = L.Dest
,P_prog_status = AIMS.P_ProgStatus
,Period        = SILR.Period
,A_TOTAL_Payment_Y2D = PFUND.A_TOTAL_Payment_Y2D
,Priority       = CASE WHEN AIMS.CompStatus IN(3,4,6) 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_SN14 AS AIMS
JOIN ILRExtract.dbo.SILR1314_Learner_SN14 AS L ON AIMS.UPIN =
L.UPIN AND AIMS.LearnRefNumber = L.LearnRefNumber
JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period AS SILR ON
SILR.IA_Return = AIMS.IA_Return AND AIMS.Year = SILR.Year
LEFT JOIN #ER_L03_Mergers AS M ON AIMS.UPIN = M.L01
AND AIMS.LearnRefNumber = M.L03
LEFT JOIN QSR_P12.dbo.SILR1314_PROG_FUNDING_SN14 AS 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, 22, 23)

UNION ALL

/*Large Employer Outcome Pilot*/
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))
,UKPRN            = AIMS.UKPRN
,PrevUKPRN        = -1
,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)
,PwayCode         = -1
,A27              = AIMS.LearnStartDate
,A28              = AIMS.LearnPlanEndDate
,A31              = AIMS.LearnActEndDate
,A46a             = 999
,A46b             = 999
,A46c             = 999
,A46d             = 999
,A_ATA_Emp       = -1
,a_agemst        = AIMS.D_AgeAimStart
,A50              = -1
,L39              = 98
,P_PROG_STATUS   = CASE
                    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
ELSE 6
                    END
,SILR.Period
,A_TOTAL_Payment_Y2D = NULL
,Priority         = CASE
                    WHEN AIMS.CompStatus IN (3,4,6) THEN 1
                    ELSE 0
                    END
,Sequence        = CAST(1 AS int)
,Rnk             = CAST(1 AS int)
,L01_Change      = 0

FROM
ILRExtract.dbo.LEOP1314_AIMS_E14 AS AIMS

```

```

LEFT OUTER JOIN ILRExtract.dbo.LEOP1314_LEARNER_E14 AS L ON AIMS.UPIN
= L.UPIN and AIMS.LearnRefNumber = L.LearnRefNumber
LEFT OUTER JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period AS 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, 22, 23)

```

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))
,UKPRN                = AIMS.Grant_Recipient_UKPRN
,PrevUKPRN            = -1
,L11                  = CAST(L.DateOfBirth AS datetime)
,L12                  = L.Ethnicity
,L13                  = L.Sex
,L14                  = L.LDDHealthProb
,L15                  = L.L_Disability
,L16                  = L.L_LearnDiff
,L17                  = L.L_PriorPcode
,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)
,PwayCode             = -1
,A27                  = AIMS.LearnStartDate
,A28                  = AIMS.LearnPlanEndDate
,A31                  = AIMS.LearnActEndDate
,A46a                 = 999
,A46b                 = 999
,A46c                 = 999
,A46d                 = 999
,A_ATA_Emp            = -1
,a_agem               = AIMS.D_AgeAimStart
,A50                  = AIMS.WithdrawReason
,L39                  = L.Dest
,P_prog_status        = AIMS.P_ProgStatus
,SILR.Period          =
,A_TOTAL_Payment_Y2D = NULL
,Priority              = CASE WHEN AIMS.CompStatus IN(3,4,6) THEN 1 ELSE 0 END
,Sequence             = CAST(1 AS int)

```

```

,Rnk = CAST(1 AS int)
,L01_Change = 0
FROM
ILRExtract.dbo.EOP1_1314_AIMS_E14 AS AIMS
LEFT OUTER JOIN ILRExtract.dbo.EOP1_1314_LEARNER_E14 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 AS SILR ON
SILR.IA_Return = AIMS.[IA_RETURN] AND RIGHT(REPLACE(AIMS.YEAR, '/', ''),4) = SILR.Year_ID
WHERE
AIMS.AimType = 1
AND (
(AIMS.ProgType IN (2,3,10,20,21,22,23))
OR
(Employer_Defined_Programme = 319 AND AIMS.ProgType = 99)
)

```

```

CREATE CLUSTERED INDEX IDX_APPS_QSR_1314 ON MI_Warehouse_Staging.dbo.APPS_QSR_1314
(L01, L03_New, A15, A26, L01_Change, Priority DESC, 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-----
IF OBJECT_ID('MI_Warehouse_Staging.dbo.APPS_QSR_1213', 'U') IS NOT NULL
DROP TABLE MI_Warehouse_Staging.dbo.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))
,UKPRN = AIMS.L46
,PrevUKPRN = -1
,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)
, PwayCode = A_PwayCode
, AIMS.A27
, AIMS.A28
, AIMS.A31
, AIMS.A46a
, AIMS.A46b
, AIMS.A46C
, A46d = 999
, AIMS.A_ATA_Emp
, AIMS.a_agemt
, AIMS.A50
, L.L39
, AIMS.P_prog_status
, SILR.Period
, PFUND.A_TOTAL_Payment_Y2D
, Priority = CASE WHEN AIMS.A34 IN(3,4,6) 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 AS SILR ON
SILR.IA_Return = AIMS.IA_Return AND AIMS.Year = SILR.Year
LEFT JOIN #ER_L03_Mergers AS M ON AIMS.L01 = M.L01 AND
AIMS.L03 = M.L03
LEFT JOIN ILRExtract.dbo.SILR1213_PROG_FUNDING_SN14 AS 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)

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))
, UKPRN = AIMS.L46
, PrevUKPRN = -1
, 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'
,A26 = ISNULL(AIMS.A26, -1)
,PwayCode = -1
,AIMS.A27, AIMS.A28
,AIMS.A31
,A46a = 999
,A46b = 999
,A46c = 999
,A46d = 999
,A_ATA_Emp = -1
,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 prog same
    ELSE 6 --no achievement
END

,SILR.Period
,A_TOTAL_Payment_Y2D = NULL
,Priority = Case WHEN AIMS.A34 IN(3,4,6) THEN 1 ELSE 0 END
,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 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)

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))
,UKPRN = CAST(AIMS.Grant_Recipient_UKPRN AS BIGINT)
,PrevUKPRN = -1
,L11 = CAST(L.L11 AS datetime)
,L.L12
,L.L13
,L.L14

```

```

,L.L15
,L.L16
,L17           = CAST(L.L17 AS VARCHAR(8))
,L25           = -1
,L44           = '-1'
,L_Age
,ULN           = L.L45
,AIMS.A04
,AIMS.A05
,AIMS.A09
,AIMS.A10
,AIMS.A15
,A16           = -1
,A23           = CAST(AIMS.A23 AS VARCHAR(8))
,AIMS.A34
,AIMS.A35
,AIMS.A40
,AIMS.A44
,A49A         = 'NA'
,A26           = ISNULL(AIMS.A26, -1)
,PwayCode     = -1
,AIMS.A27
,AIMS.A28
,AIMS.A31
,A46a         = 999
,A46b         = 999
,A46c         = 999
,A46d         = 999
,A_ATA_Emp    = -1
,AIMS.a_ages
,AIMS.A50
,L.L39
,P_prog_status = AIMS.P_PROG_STATUS
,SILR.Period
,A_TOTAL_Payment_Y2D = NULL
,Priority     = Case WHEN AIMS.A34 IN(3,4,6) THEN 1 ELSE 0 END
,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 AS 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))
OR
  (AIMS.A04 = 30 AND AIMS.[Employer_defined_programme] <> 0 AND AIMS.A09 =
'ZO3XX041')

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

EXEC MI_Warehouse_Staging.[dbo].[usP_CreateIdentityColumn] 'APPS_QSR_1213', 'Sequence'

-----Drop and Create 11/12 Apps_Data-----
-----includes SILR and LEOP-----
IF OBJECT_ID('MI_Warehouse_Staging.dbo.APPS_QSR_1112', 'U') IS NOT NULL

```

```
DROP TABLE MI_Warehouse_Staging.dbo.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))
,UKPRN              = AIMS.L46
,PrevUKPRN          = -1
,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)
,PwayCode           = -1
,AIMS.A27
,AIMS.A28
,AIMS.A31
,AIMS.A46a
,AIMS.A46b
,A46c               = 999
,A46d               = 999
,A_ATA_Emp
,AIMS.a_agemt
,AIMS.A50
,L.L39
,P_prog_status      = CASE
AIMS.P_prog_status= 4 THEN 1
                     WHEN AIMS.A10 = 99 AND AIMS.A35 = 1 AND
                     ELSE AIMS.P_prog_status
                     END
,SILR.Period
,PFUND.A_TOTAL_PAYMENT_Y2D
,Priority            = CASE WHEN AIMS.A34 IN(3,4,6) 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
    JOIN ILRExtract.dbo.SILR1112_LEARNER AS L ON AIMS.L01 = L.L01 AND
AIMS.L03 = L.L03
    JOIN MI_Warehouse.MetaData.SILR_IA_Return_To_Period AS SILR ON SILR.IA_Return
= AIMS.IA_Return AND AIMS.Year = SILR.Year
    LEFT JOIN #ER_L03_Mergers AS M ON AIMS.L01 = M.L01 AND
AIMS.L03 = M.L03
    LEFT JOIN ILRExtract.dbo.SILR1112_PROG_FUNDING AS 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))
    ,UKPRN = AIMS.L46
    ,PrevUKPRN = -1
    ,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'
    ,A26 = ISNULL(AIMS.A26, -1)
    ,PwayCode = -1
    ,AIMS.A27
    ,AIMS.A28
    ,AIMS.A31
    ,A46a = 999
    ,A46b = 999
    ,A46c = 999
    ,A46d = 999
    ,A_ATA_Emp = -1
    ,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 prog
same provider
    ELSE 6 -- no achievement
END
,SILR.Period
,A_TOTAL_Payment_Y2D = NULL
,Priority = Case WHEN AIMS.A34 IN(3,4,6) THEN 1 ELSE 0 END
,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 DESC, A05 desc)

EXEC MI_Warehouse_Staging.[dbo].[usP_CreateIdentityColumn] 'APPS_QSR_1112', 'Sequence'

-----Drop and Create 10/11 Apps_Data-----
-----includes ILR-----
IF OBJECT_ID('MI_Warehouse_Staging.dbo.APPS_QSR_1011', 'U') IS NOT NULL
    DROP TABLE MI_Warehouse_Staging.dbo.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))
    ,UKPRN = AIMS.L46
    ,PrevUKPRN = -1
    ,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)
,PwayCode           = -1
,AIMS.A27
,AIMS.A28
,AIMS.A31
,AIMS.A46a
,AIMS.A46b
,A46c               = 999
,A46d               = 999
,A_ATA_Emp          = -1
,AIMS.a_agemt
,AIMS.A50
,L.L39
,AIMS.P_prog_status
,L.period
,PFUND.A_TOTAL_Payment_Y2D
,Priority            = Case WHEN AIMS.A34 IN(3,4,6) 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 AS 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 DESC, A05 desc)

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

-----Drop and Create 09/10 Apps_Data-----
-----includes ILR-----

IF OBJECT_ID('MI_Warehouse_Staging.dbo.APPS_QSR_0910', 'U') IS NOT NULL
    DROP TABLE MI_Warehouse_Staging.dbo.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))
,UKPRN             = AIMS.L46
,PrevUKPRN        = -1
,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)
,PwayCode          = -1
,A27
,A28
,A31
,A46a
,A46b
,A46c               = 999
,A46d               = 999
,A_ATA_EMP         = -1
,a_agemst
,A50
,L39
,P_prog_status
,period
,PFUND.A_TOTAL_Payment_Y2D
,Priority           = Case WHEN A34 IN(3,4,6) 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 DESC, 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
```

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

```
IF OBJECT_ID('MI_Warehouse_Staging.dbo.APP_QSR_Combined_ER_Data', 'U') IS NOT NULL
DROP TABLE MI_Warehouse_Staging.dbo.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_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
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1314 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
UNION
SELECT L01, L03_New, A15, A26, A27 FROM
MI_Warehouse_Staging.dbo.APPS_QSR_1314 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

```

```

IF OBJECT_ID('MI_Warehouse_Staging.dbo.QSR_APP_Merged', 'U') IS NOT NULL
DROP TABLE MI_Warehouse_Staging.dbo.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
              , 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.PwayCode, A.A27, A28, A31, A46a, A46b, A46c, A46d, A_ATA_Emp,
a_agem, A50, L39, P_prog_status, period, B.A_TOTAL_Payment_Y2D, Priority, Rnk,
Sequence, A.L01_New
              , UKPRN, PrevUKPRN
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
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
              , 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, PwayCode, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp, a_agem,
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,
UKPRN, PrevUKPRN
FROM        MI_Warehouse_Staging.dbo.APPS_QSR_1011 L
LEFT JOIN   #MergerList M ON M.L01 = L.L01
UNION ALL
SELECT      Year_ID
              , DataSource
              , 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, PwayCode, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp,
a_agem, 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,
UKPRN, PrevUKPRN
FROM        MI_Warehouse_Staging.dbo.APPS_QSR_1112 L
LEFT JOIN   #MergerList M ON M.L01 = L.L01
UNION ALL
SELECT      Year_ID
              , DataSource

```

```

, 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, PwayCode, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp,
a_agem, 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,
UKPRN, PrevUKPRN
FROM MI_Warehouse_Staging.dbo.APPS_QSR_1213 L
LEFT JOIN #MergerList M ON M.L01 = L.L01
UNION ALL
SELECT Year_ID
, DataSource
, 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, PwayCode, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp,
a_agem, 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,
UKPRN, PrevUKPRN
FROM MI_Warehouse_Staging.dbo.APPS_QSR_1314 L
LEFT JOIN #MergerList M ON M.L01 = L.L01
UNION ALL
SELECT Year_ID
, DataSource
, 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, PwayCode, A27, A28, A31, A46a, A46b,A46c,A46d,A_ATA_Emp,
a_agem, 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,
UKPRN, PrevUKPRN
FROM MI_Warehouse_Staging.dbo.APPS_QSR_1415_R04 L
LEFT JOIN #MergerList M ON M.L01 = L.L01
) D
WHERE L01_New != -1

--force latest UKPRN for historic years 2009/10 - 2012/13 using 1213_Provider_Details
file
UPDATE Merged
SET Merged.UKPRN = CASE
WHEN Year_ID = 2013 THEN Merged.UKPRN
ELSE PD.L46
END
, Merged.PrevUKPRN = CASE
WHEN Year_ID = 2013 THEN Merged.PrevUKPRN
ELSE -1
END
FROM MI_Warehouse_Staging.dbo.QSR_APP_Merged Merged
JOIN ILRExtract.dbo.SILR1213_Provider_Details PD ON PD.L01 = Merged.L01_New

CREATE CLUSTERED INDEX IDX_QSR_APP_Merged_1314_R12 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, 1
EXEC      MI_Warehouse_Staging.system.[usP_APP_QSR_MatchProcess] 2014, @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.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

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.SILR1314_LEARNER_SN14)
      AND Year_ID = @Year_ID
    )P

--use new lookup to add fwk, ssat1 and ssat2 to apps dataset--
IF OBJECT_ID('tempdb..#SSA') IS NOT NULL
    DROP TABLE #SSA
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.SFR_Framework_LookUp_201314_SN13a A26

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

SELECT    LA.*
        , age_band = CASE
            WHEN a_ages BETWEEN 0 AND 18 THEN 1 --'16-18'
            WHEN a_ages BETWEEN 19 AND 23 THEN 2 --'19-23'
            ELSE 3 --'24+'

```



```

        END
        ,P_frm_ach_Overall = 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_Timely = 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_Trans_Overall = 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_plan_break_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_Trans_Timely = 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_plan_break_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_leavers_Overall = 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_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 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_ExpEndYr = 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_Overall = 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.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_0910, P_In_1011, P_In_1112, P_In_1213,
P_In_1314,P_In_1415, 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 AC_Year = 2009 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
                , MAX(CASE WHEN AC_Year = 2014 THEN 1 ELSE 0 END) P_In_1415
                , 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)

----Update Exclude_MCL
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 != @Year_ID

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

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

SELECT D.A23, [Pst_LOCAL_AUTHO_Desc] AS Pst_LA
INTO #LA
FROM MI_Warehouse_Staging.dbo.APP_QSR_Data D
JOIN ILRExtract.dbo.Postcode_Geographical_Attributes_May_2014 PC ON PC.Pst_PostCode
= D.A23
JOIN [ILRExtract].[dbo].[Pst_LOCAL_AUTHORITY_LOOKUP_20011_12_Format] LA ON
LA.[Pst_LOCAL_AUTHORITY] = PC.[Pst_LOCAL_AUTHORITY]
GROUP BY D.A23, [Pst_LOCAL_AUTHO_Desc]

IF OBJECT_ID('QSR_P12.dbo.SR1314_APPS_R14_V4', 'U') IS NOT NULL
    DROP TABLE QSR_P12.dbo.SR1314_APPS_R14_V4

SELECT
    DataSource = D.DataSource
,UPIN = D.L01_New
,LearnRefNumber = D.L03_New
,Funded = D.Funded
,ProgType = D.A15
,DelLocPostCode = D.A23
,FworkCode = D.A26
,PwayCode = D.PwayCode
,LearnStartDate = D.A27
,LearnPlanEndDate = D.A28
,LearnActEndDate = D.A31

```

```

,CompStatus          = D.A34
,Outcome             = D.A35
,AchDate             = D.A40
,LDM_1               = D.A46a
,LDM_2               = D.A46b
,LDM_3               = D.A46c
,LDM_4               = D.A46d
,D_EmpID             = D.A44
,D_AgeAimStart_Band = CASE
                    WHEN a_agem BETWEEN 0 AND 15 THEN 1
                    WHEN a_agem BETWEEN 16 AND 18 THEN 2
                    WHEN a_agem BETWEEN 19 AND 20 THEN 3
                    WHEN a_agem BETWEEN 21 AND 23 THEN 4
                    WHEN a_agem BETWEEN 24 AND 59 THEN 5
                    WHEN a_agem BETWEEN 60 AND 120 THEN 6
                    WHEN a_agem >= 121 THEN 9
                    END
,D_AgeAimStart       = D.A_AgeSt
,P_ProgStatus        = D.P_prog_status
,[Collection]        = (SELECT IA_Return FROM #Period)
,DateOfBirth         = D.L11
,Ethnicity           = D.L12
,Sex                 = D.L13
,LLDDHealthProb     = D.L14
,L_Disability        = D.L15
,L_LearnDiff         = D.L16
,UIN                 = D.UIN
,L_PriorPcode        = D.L17
,P_In_0910           = D.P_in_0910
,P_In_1011           = D.P_in_1011
,P_In_1112           = D.P_in_1112
,P_In_1213           = D.P_in_1213
,P_In_1314           = D.P_in_1314
,P_In_1415           = D.P_in_1415
,P_Trans_Overall     = D.P_Trans_Overall
,P_Plan_Break_Overall = D.P_Plan_Break_Overall
,P_Trans_Timely      = D.P_Trans_Timely
,P_Plan_Break_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
,[Year]              = CAST(D.P_year_per AS VARCHAR) + '/' +
RIGHT(CAST(D.P_year_per AS VARCHAR)+1, 2)
,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 2009 AND 2013
                    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 2009 AND 2013
        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 2009 AND 2013 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 2009 AND 2013 AND DateDiff(d,D.A28,D.A31) <= 90 THEN
P_FRM_ACH_Timely
        ELSE 0
        END

, Prv_Name = U.Org_Name
, Prv_Type = CASE
        WHEN U.[Org_LegalOrgType] IS NULL THEN PD.PRIV_TYPE
        ELSE U.[Org_LegalOrgType]
        END

, UKPRN = UKPRN
, UKPRN_Orig = ISNULL(PrevUKPRN, -1)
, UPIN_Orig = D.L01_orig
, LearnRefNumber_Orig = D.L03_orig --PrevLearnRefNumber
, P_Period_End_Overall = CAST(D.P_Period_End_Overall AS DATETIME)
, P_Period_End_Timely = CAST(D.P_Period_End_Timely AS DATETIME)
, SecSubjAreaTier1 = ISNULL(SSA.A_SSA_T1, 'NA')
, SecSubjAreaTier2 = ISNULL(SSA.A_SSA_T2, 'NA')
, D_TotalPayment = D.A_TOTAL_PAYMENT
, Pst_LA = Pst_LA

INTO QSR_P12.dbo.SR1314_APPS_R14_V4

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
LEFT JOIN ILRExtract.dbo.SILR1314_ORG_DETAILS U ON D.UKPRN = U.Org_UKPRN
LEFT JOIN ILRExtract.dbo.SILR1213_PROVIDER_DETAILS PD ON D.L01_New = PD.L01
AND D.UKPRN = PD.L46
LEFT JOIN #SSA SSA ON SSA.A26 = D.A26
LEFT JOIN #LA LA ON LA.A23 = D.A23
WHERE E.L01 IS NULL
        AND D.Exclude_MCL = 0 -- MCL only applies at end of year
reporting
        AND (127 NOT IN (A46a, A46b, A46c, A46d) OR A_ATA_Emp = 1) -- Remove unemployed
A2A
        AND (
        P_expendyr IN (@Year_ID, (@Year_ID-1), (@Year_ID-2))
        OR
        CASE WHEN P_actendyr = 0 then 9999
        WHEN P_ExpEndYr_Overall >= P_actendyr THEN P_ExpEndYr_Overall
        ELSE P_actendyr
        END IN (@Year_ID, (@Year_ID-1), (@Year_ID-2))

```

```

)

DELETE FROM QSR_P12.dbo.SR1314_APPS_R14_V4
WHERE P_ProgStatus <> 1
      AND
      (
        ((DATEDIFF(d, LearnStartDate,LearnPlanEndDate)+1) > 167 AND (DATEDIFF(d,
LearnStartDate,LearnActEndDate)+1) < 6*7)
        OR
        ((DATEDIFF(d, LearnStartDate,LearnPlanEndDate)+1) BETWEEN 14 AND 167 AND
(DATEDIFF(d, LearnStartDate,LearnActEndDate)+1) < 2*7)
        OR
        ((DATEDIFF(d, LearnStartDate,LearnPlanEndDate)+1) < 14 AND (DATEDIFF(d,
LearnStartDate,LearnActEndDate)+1) < 0*7)
      )

ALTER TABLE QSR_P12.dbo.SR1314_APPS_R14_V4 Add Transaction_ID int identity

CREATE UNIQUE CLUSTERED INDEX SR1314_APPS_R14_V4 ON QSR_P12.dbo.SR1314_APPS_R14_V4
(Transaction_ID)

CREATE INDEX IDX_SR1314_APPS_L01_L03_A15_A26_R14_V4 ON QSR_P12.dbo.SR1314_APPS_R14_V4
(UPIN, LearnRefNumber, ProgType, FworkCode)

END
RETURN(0)

GO

```

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