USE [NHSE\_PSDM\_0007]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[NDPP\_SP4\_Create\_Derived\_Fields\_Table] Script Date: 08/10/2024 15:54:40 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- if you want to add new columns search for: ADD NEW COLUMNS HERE

-- (there are 2 places you need to do this)

CREATE PROCEDURE [dbo].[NDPP\_SP4\_Create\_Derived\_Fields\_Table]

AS

--DB changed 30/01/2023 so that tables are deleted if they already exist

-- DROP ALL TEMP TABLES IN THIS STORED PROCEDURE IF THEY EXIST

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[ReportDate\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[SessionsSummary\_TT]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Completion\_Time\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Completion\_Time3\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Three\_month\_weights\_F2F]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Three\_month\_closest\_weight\_to\_90\_days\_F2F]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_three\_mth\_digi\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Weight\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Date\_reached]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Query1\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Reached\_IV\_session\_type]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[CohortQuery\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Query2\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Pulse\_Query\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Cohort\_attendance]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Inclusion\_Filter]

--Reporting Date

SELECT

[dbo].[NDPP\_tmaintable].Record\_load\_GUID,

[ref].[RT\_Report\_Date].ReportDate AS ReportingDate

INTO [NHSE\_PSDM\_0007].[temp].[ReportDate\_CTE]

FROM [dbo].[NDPP\_tmaintable], [ref].[RT\_Report\_Date]

;

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SessionsSummary\_CTE

(SELECT ISS.Record\_Load\_GUID

, MIN(SessionNumber) AS FirstSessionNumber

, MAX(SessionNumber) AS LastSessionNumber

, SUM(CASE WHEN Record\_Of\_Attendance = 1 THEN 1 ELSE 0 END) AS Attended

, SUM(CASE WHEN Record\_Of\_Attendance = 2 THEN 1 ELSE 0 END) AS DidNotAttend

, SUM(CASE WHEN Record\_Of\_Attendance = 3 THEN 1 ELSE 0 END) AS SessionCancelled

, SUM(CASE WHEN Record\_Of\_Attendance = 1 AND SessionNumber <>0 THEN 1 ELSE 0 END) AS Attended\_XIA

, SUM(CASE WHEN Record\_Of\_Attendance = 1 AND SessionNumber >=2 AND SessionNumber <=11 THEN 1 ELSE 0 END) AS Number\_of\_digital\_IVs\_attended -- DB changed 13/12/2022 - added

, SUM(CASE WHEN Record\_Of\_Attendance IS NULL THEN 1 ELSE 0 END) AS NotKnown

, COUNT(\*) AS Total\_Session\_Count

, MIN(CASE WHEN Record\_Of\_Attendance = 1 THEN SessionNumber ELSE NULL END) AS FirstAttendedSessionNumber

, MAX(CASE WHEN Record\_Of\_Attendance = 1 THEN SessionNumber ELSE NULL END) AS LastAttendedSessionNumber

, MAX(CASE WHEN Record\_Of\_Attendance = 1 OR Record\_Of\_Attendance = 2 THEN SessionNumber ELSE NULL END) AS Last\_Session\_Num\_possible

, CAST(MAX(CASE WHEN Record\_Of\_Attendance = 1 OR Record\_Of\_Attendance = 2 THEN Date\_Of\_Session ELSE NULL END) AS date) AS Date\_of\_LastPossibleSession

, CAST(MAX(CASE WHEN Record\_Of\_Attendance = 1 THEN Date\_Of\_Session ELSE NULL END) AS date) AS Date\_of\_LastAttendedSession

, CAST(MAX(CASE WHEN Record\_Of\_Attendance = 1 AND SessionNumber >0 THEN Date\_Of\_Session ELSE NULL END) AS date) AS Date\_of\_LastAttendedSession\_XIA

--New section for digital categorisation

,SUM(CASE WHEN SessionNumber >= 1 AND ([Record\_Of\_Attendance] =1) AND (Type\_of\_session = '1' OR Type\_of\_session='2') THEN 1 ELSE 0 END) as F2FAttended\_IV1\_or\_beyond

,SUM(CASE WHEN SessionNumber >= 1 AND ([Record\_Of\_Attendance] =2) AND (Type\_of\_session = '1' OR Type\_of\_session='2') THEN 1 ELSE 0 END) as F2F\_DNA\_IV1\_or\_beyond

,SUM(CASE WHEN SessionNumber >= 2 AND ([Record\_Of\_Attendance] =1) AND (Type\_of\_session = '4') THEN 1 ELSE 0 END) as DigitalAttends\_IV2\_or\_beyond,

SUM(CASE WHEN SessionNumber >= 2 AND ([Record\_Of\_Attendance] =2) AND (Type\_of\_session = '4') THEN 1 ELSE 0 END) as

Digital\_DNA\_IV2\_or\_beyond

,SUM(CASE WHEN SessionNumber = 0 AND ([Record\_Of\_Attendance] =1 OR [Record\_Of\_Attendance] =2) THEN 1 ELSE 0 END) as IA\_ATT\_OR\_DNA

,MAX(CASE WHEN ([Record\_Of\_Attendance] =1 OR [Record\_Of\_Attendance] =2) THEN SessionNumber ELSE 0 END) AS Max\_Session\_number

INTO [NHSE\_PSDM\_0007].[temp].[SessionsSummary\_TT]

FROM [dbo].[NDPP\_tInterventionSessions] as ISS

--DO we want to limit this to sessions before the cut off date?

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[ReportDate\_CTE] AS RD ON RD.Record\_Load\_GUID = ISS.Record\_Load\_GUID

--Removed the filter for end of report period cut off at request of Emma B on 25/03/2020. This appears to have been introduced by Hassan mistakenly.

--WHERE Date\_of\_Session <=ReportingDate

GROUP BY ISS.Record\_Load\_GUID)

;

--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Completion\_Time\_CTE

SELECT i.[Record\_Load\_GUID]

,m.[Provider\_name]

,MAX(CASE

WHEN m.[provider\_Name] = 'Reed' AND i.SessionNumber = 18 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

WHEN m.[provider\_Name] <> 'Reed' AND i.SessionNumber = 13 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

ELSE NULL END) AS Date\_of\_Final\_session\_by\_session,

MAX(CASE

WHEN m.[provider\_Name] = 'Reed' AND i.SessionNumber >0 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

WHEN m.[provider\_Name] <> 'Reed' AND i.SessionNumber >0 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

ELSE NULL END) AS Date\_of\_Final\_session\_by\_date,

MAX(DATEDIFF(day,i01.Date\_Of\_Session, (CASE

WHEN [provider\_Name] = 'Reed' AND i.SessionNumber = 18 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

WHEN [provider\_Name] <> 'Reed' AND i.SessionNumber = 13 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

ELSE NULL END))) AS Days\_from\_IV1\_to\_final\_Session\_by\_session,

MAX(DATEDIFF(day,i01.Date\_Of\_Session, (CASE

WHEN [provider\_Name] = 'Reed' AND i.SessionNumber >0 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

WHEN [provider\_Name] <> 'Reed' AND i.SessionNumber >0 AND (i.Record\_Of\_Attendance = 1 OR i.Record\_Of\_Attendance = 2) THEN i.[Date\_Of\_Session]

ELSE NULL END))) AS Days\_from\_IV1\_to\_final\_Session\_by\_date

INTO [NHSE\_PSDM\_0007].[temp].[Completion\_Time\_CTE]

FROM [dbo].[NDPP\_tInterventionSessions] as i

LEFT OUTER JOIN [dbo].[NDPP\_tmaintable] AS M ON M.Record\_Load\_GUID = i.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i01 ON i01.SessionNumber = 1 AND i01.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i13 ON i13.SessionNumber = 13 AND i13.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i18 ON i18.SessionNumber = 18 AND i18.Record\_Load\_GUID = m.Record\_Load\_GUID

WHERE (Provider\_Name = 'Reed' AND (i18.record\_of\_attendance = 1 OR i18.Record\_of\_attendance = 2))

OR (Provider\_Name != 'Reed' AND (i13.record\_of\_attendance = 1 OR i13.Record\_of\_attendance = 2))

GROUP BY i.Record\_Load\_GUID, Provider\_Name

;

--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Completion\_Time3\_CTE

SELECT

M.Provider\_Name,

/\*

Emma new percentiles 25/03/2020

Tenth Percentile

Ingeus 273

LWTC 357

Pulse 220

Reed 266

95th Percentile

Ingeus 398

LWTC 441

Pulse 473

Reed 322\*/

/\*

Organisation\_Code\_Provider Provider\_Name

AYE00 Ingeus

8J068 ICS/pulse

8JE70 Reed

8JA22 LWTC

8HQ22 WW\*/

MAX(CASE

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = 'AYE00' THEN 398 --Ingeus

--Have changed Pulse from 400 to 398 (01/04/2020)

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = '8JE70' THEN 322 --Reed

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = '8J068' THEN 473 --ICS/Pulse

--Have changed Pulse from 472 to 473 (01/04/2020)

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = '8JA22' THEN 441 --LWTC

ELSE NULL

END) AS Observed\_time\_to\_complete,

MAX(CASE

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = 'AYE00' THEN 273 --Ingeus

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = '8JE70' THEN 266 --Reed

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = '8J068' THEN 220 --ICS/Pulse

WHEN Call\_off\_contract\_Number NOT LIKE '19%' AND m.Organisation\_Code\_Provider = '8JA22' THEN 357 --LWTC

ELSE NULL

END) AS Tenth\_percentile\_to\_complete

INTO [NHSE\_PSDM\_0007].[temp].[Completion\_Time3\_CTE]

FROM [dbo].[NDPP\_tmaintable] AS M

GROUP BY Provider\_Name

;

--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Weight\_CTE

-- FE edited to add digital weights changed to use partition method so could get the weight measurement date for the correct weight (i.e. if 2 sessions with the same date)

/\*last session attended\*/

SELECT \*,

ROW\_NUMBER() OVER (PARTITION BY Record\_Load\_GUID order by Date\_of\_session desc, sessionnumber desc, [Weight\_Measurement] desc, Type\_Of\_Session) AS ROW\_NUM

INTO [NHSE\_PSDM\_0007].[temp].[cte\_latest\_a]

FROM [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

Where SessionNumber <> 0 and Record\_Of\_Attendance = 1

--),

select

Record\_Load\_GUID

,Date\_of\_session as Latest\_date

,sessionnumber as Max\_Date\_Session\_No

,Type\_Of\_Session as last\_type\_of\_session

,[Weight\_Measurement] as Latest\_weight\_by\_date

INTO [NHSE\_PSDM\_0007].[temp].[cte\_latest\_b]

from [NHSE\_PSDM\_0007].[temp].[cte\_latest\_a]

where ROW\_NUM = 1

--),

/\*first session attended\*/

-- Weight remains sorted as desc as asc put null at top

SELECT \*,

ROW\_NUMBER() OVER (PARTITION BY Record\_Load\_GUID order by Date\_of\_session asc, sessionnumber asc, [Weight\_Measurement] desc, Type\_Of\_Session ) AS ROW\_NUM

INTO [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_a]

FROM [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

Where SessionNumber <> 0 and Record\_Of\_Attendance = 1

--),

select

Record\_Load\_GUID

,Date\_of\_session as Earliest\_Date

,sessionnumber as Min\_Date\_Session\_No

,Type\_Of\_Session as first\_type\_of\_session

,[Weight\_Measurement] as Earliest\_weight\_by\_date

,date\_of\_weight\_measurement AS [Date of weight measurement linked to earliest session attended]

INTO [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_b]

from [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_a]

where ROW\_NUM = 1

--),

/\*last session attended DIGITAL\*/

SELECT \*,

ROW\_NUMBER() OVER (PARTITION BY Record\_Load\_GUID order by Date\_of\_session desc, sessionnumber desc, [Weight\_Measurement] desc, Type\_Of\_Session) AS ROW\_NUM

INTO [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_a]

FROM [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

Where SessionNumber IN (2, 5, 8, 11) and Record\_Of\_Attendance = 1

--),

select

Record\_Load\_GUID

,Date\_of\_session as Latest\_date\_digi

,sessionnumber as Max\_Date\_Session\_No\_digi

,Type\_Of\_Session as last\_type\_of\_session\_digi

,[Weight\_Measurement] as Latest\_weight\_by\_date\_digi

INTO [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_b]

from [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_a]

where ROW\_NUM = 1

--),

/\*first session attended DIGITAL\*/

-- Weight remains sorted as desc as asc put null at top

SELECT \*,

ROW\_NUMBER() OVER (PARTITION BY Record\_Load\_GUID order by Date\_of\_session asc, sessionnumber asc, [Weight\_Measurement] desc, Type\_Of\_Session ) AS ROW\_NUM

INTO [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_a]

FROM [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

Where SessionNumber IN (2, 5, 8, 11) and Record\_Of\_Attendance = 1

--),

select

Record\_Load\_GUID

,Date\_of\_session as Earliest\_Date\_digi

,sessionnumber as Min\_Date\_Session\_No\_digi

,Type\_Of\_Session as first\_type\_of\_session\_digi

,[Weight\_Measurement] as Earliest\_weight\_by\_date\_digi

,date\_of\_weight\_measurement AS [Date of weight measurement linked to earliest session attended Digi]

INTO [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_b]

from [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_a]

where ROW\_NUM = 1;

--),

-- DB CHANGE 28/07/2022 - TO ADD 3-MONTH (SESSION 5) WEIGHT FOR FACE TO FACE

/\*Three-month weight (closest to 90 days during the 55-105 day window\*/

SELECT

i.Record\_load\_Guid

,DATEDIFF(DAY,Date\_of\_session, DATEADD(DAY,90,b.Earliest\_Date)) AS [Diff\_between\_session\_date\_&\_90\_days\_after\_reached\_IV\_date]

,date\_of\_session

,b.Earliest\_Date as Date\_reached\_IV

,Weight\_Measurement

,sessionnumber

,Record\_Of\_Attendance -- DB CHANGED 14/07/2022 to get attendance in 3-month window

INTO [NHSE\_PSDM\_0007].[temp].[Three\_month\_weights\_F2F]

FROM [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions] AS i

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_b] as b ON I.Record\_Load\_GUID = b.record\_load\_guid

WHERE SessionNumber >0

AND Record\_Of\_Attendance =1

ORDER BY i.Record\_load\_Guid;

-- this PARTITION function orders the data to be able make the Row number, so that the Row number 1 for each record\_load guid should be the closest to 90 days

-- have included weight measurement in case there are 2 different weight measurements on the same day (this shouldn't happen as 2 sessions shouldn't happen on same day, but just covering)

-- if 2 weights recorded at equal times from day 180, then the lowest figure would be used

WITH Three\_month\_sessions\_ordered\_F2F AS (

SELECT \*

,ROW\_NUMBER() OVER

(PARTITION BY Record\_Load\_GUID

order by ABS([Diff\_between\_session\_date\_&\_90\_days\_after\_reached\_IV\_date]) ASC -- DB CHANGED 10/08/2022 added back in ABS function

,weight\_measurement ASC -- CHANGED 16/02/2022 DB - FROM DESC TO ASC SO THAT LOWEST FIGURE USED LIKE LCD

,Date\_of\_session DESC

,sessionnumber DESC ) AS ROW\_NUM

FROM [NHSE\_PSDM\_0007].[temp].[Three\_month\_weights\_F2F]

WHERE [Diff\_between\_session\_date\_&\_90\_days\_after\_reached\_IV\_date] <=35 -- DB CHANGED 10/08/2022

AND [Diff\_between\_session\_date\_&\_90\_days\_after\_reached\_IV\_date] >= -15) -- DB CHANGED 10/08/2022

SELECT o.Record\_load\_guid

,o.date\_reached\_iv

,[Diff\_between\_session\_date\_&\_90\_days\_after\_reached\_IV\_date]

,Earliest\_Weight\_by\_date

,Weight\_Measurement as [Three\_mth\_session\_weight\_by\_date\_F2F]

,date\_of\_session as [Three\_mth\_session\_date\_F2F]

,Record\_Of\_Attendance as [Three\_mth\_session\_attendance\_code\_F2F]-- DB CHANGED 14/07/2022 to get attendance in 3-month window

,sessionnumber

INTO [NHSE\_PSDM\_0007].[temp].[Three\_month\_closest\_weight\_to\_90\_days\_F2F]

FROM Three\_month\_sessions\_ordered\_F2F AS o

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_b] AS b ON o.record\_load\_guid = b.record\_load\_guid

WHERE ROW\_NUM = 1

-- DB CHANGE 29/03/2022 - TO ADD 3-MONTH (SESSION 5) WEIGHT FOR DIGITAL

/\*Three-month (session 5) attended DIGITAL\*/

select

Record\_Load\_GUID

,Date\_Of\_session as Three\_mth\_session\_date\_digi

,sessionnumber as Three\_mth\_session\_No\_digi

,Type\_Of\_Session as Three\_mth\_session\_type\_of\_session\_digi

,[Weight\_Measurement] as Three\_mth\_session\_weight\_by\_date\_digi

INTO [NHSE\_PSDM\_0007].[temp].[cte\_three\_mth\_digi\_b]

from [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

where SessionNumber = 5 -- and Record\_Of\_Attendance = 1 DB CHANGE 06/07/2022

-- BRING ALL THE WEIGHT COLUMNS TOGETHER INTO 1 TABLE

SELECT M.Record\_Load\_GUID

,a.Latest\_date

,a.Max\_Date\_Session\_No

,a.last\_type\_of\_session

,a.Latest\_weight\_by\_date

,b.Earliest\_Date

,b.Min\_Date\_Session\_No

,b.first\_type\_of\_session

,b.Earliest\_weight\_by\_date

,b.[Date of weight measurement linked to earliest session attended]

,c.Latest\_date\_digi

,c.Max\_Date\_Session\_No\_digi

,c.last\_type\_of\_session\_digi

,c.Latest\_weight\_by\_date\_digi

,d.Earliest\_Date\_digi

,d.Min\_Date\_Session\_No\_digi

,d.first\_type\_of\_session\_digi

,d.Earliest\_weight\_by\_date\_digi

,d.[Date of weight measurement linked to earliest session attended Digi]

,e.[Three\_mth\_session\_weight\_by\_date\_F2F]

,e.[Three\_mth\_session\_date\_F2F]

,e.[Three\_mth\_session\_attendance\_code\_F2F]-- DB CHANGED 14/07/2022 to get attendance in 3-month window

,f.Three\_mth\_session\_weight\_by\_date\_digi

,f.Three\_mth\_session\_date\_digi

INTO [NHSE\_PSDM\_0007].[temp].[Weight\_CTE]

FROM [dbo].[NDPP\_tmaintable] AS M

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_latest\_b] AS a ON M.Record\_Load\_GUID = a.Record\_Load\_GUID

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_b] AS b ON M.Record\_Load\_GUID = b.Record\_Load\_GUID

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_b] AS c ON M.Record\_Load\_GUID = c.Record\_Load\_GUID

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_b] AS d ON M.Record\_Load\_GUID = d.Record\_Load\_GUID

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[Three\_month\_closest\_weight\_to\_90\_days\_F2F] AS e ON m.Record\_Load\_GUID = e.Record\_Load\_GUID

LEFT JOIN [NHSE\_PSDM\_0007].[temp].[cte\_three\_mth\_digi\_b] AS f ON m.Record\_Load\_GUID = f.Record\_Load\_GUID

--========================= Date Reached IA and Date Reached IV ==========================

SELECT

m.Record\_Load\_GUID

,CASE WHEN i0.Reached\_IA\_date IS NOT NULL THEN Reached\_IA\_date

ELSE NULL END AS Date\_Reached\_IA

,CASE WHEN i1.Reached\_IV\_date IS NOT NULL THEN Reached\_IV\_date

ELSE NULL END AS Date\_Reached\_IV

INTO [NHSE\_PSDM\_0007].[temp].[Date\_reached]

FROM [dbo].[NDPP\_tmaintable] AS m

LEFT OUTER JOIN

--DB CHANGED 17/05/2022 TO MATCH CORRECT METHOD/ANALYSIS TABLE METHOD

(select record\_load\_guid, min(date\_of\_session) AS Reached\_IA\_date from [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

WHERE Record\_Of\_Attendance = 1 and sessionnumber>=0

GROUP BY record\_load\_guid) AS i0 ON i0.record\_load\_guid = m.Record\_load\_GUID

--DB CHANGED 17/05/2022 TO MATCH CORRECT METHOD/ANALYSIS TABLE METHOD

LEFT OUTER JOIN

(SELECT record\_load\_guid, min(date\_of\_session) AS Reached\_IV\_date from [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

WHERE Record\_Of\_Attendance = 1 and sessionnumber>=1

GROUP BY record\_load\_guid) AS i1 ON i1.record\_load\_guid = m.Record\_load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i ON i.Record\_Load\_GUID = m.Record\_load\_GUID AND i.Record\_Of\_Attendance = 1

--=================================================================================================

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Query1\_CTE \_\_\_\_\_\_\_\_\_\_\_\_\_

SELECT DISTINCT

m.Record\_Load\_GUID AS Record\_Load\_GUID,

RD.ReportingDate,

m.Source\_of\_Referral,

Sex.SexDescription AS GenderDescription,

m.Provider\_Name,

m.Unique\_Referral\_ID,

DATEFROMPARTS(YEAR(m.Date\_Of\_Referral\_Receipt),MONTH(m.Date\_Of\_Referral\_Receipt),1) AS [Month\_and\_Year\_of\_Referral],

Datepart(MONTH, m.Date\_of\_Referral\_Receipt) AS Month\_of\_Referral,

CONCAT('Q',(CASE WHEN Datepart(quarter, m.Date\_of\_Referral\_Receipt)-1 > 0 THEN Datepart(quarter, m.Date\_of\_Referral\_Receipt)-1 ELSE 4 END)) AS Financial\_Quarter,

CONCAT(

(CASE

WHEN Datepart(MONTH, m.Date\_of\_Referral\_Receipt) BETWEEN 1 AND 3

THEN Datepart(year, m.Date\_of\_Referral\_Receipt)-1

ELSE Datepart(year, m.Date\_of\_Referral\_Receipt)

END)

,' - ',

(CASE

WHEN Datepart(MONTH, m.Date\_of\_Referral\_Receipt) BETWEEN 1 AND 3

THEN Datepart(year, m.Date\_of\_Referral\_Receipt)

ELSE Datepart(year, m.Date\_of\_Referral\_Receipt)+1

END)

) AS Financial\_year,

imd.IMD\_Quintile\_LSOA AS Quintile\_LSOA,

m.Age\_At\_Referral AS Age\_At\_Referral,

(CASE

WHEN m.Age\_At\_Referral IS NULL OR m.Age\_At\_Referral = 0 THEN NULL

WHEN m.Age\_At\_Referral <40 THEN '< 40'

WHEN m.Age\_At\_Referral BETWEEN 40 AND 64 THEN '40 - 64'

WHEN m.Age\_At\_Referral BETWEEN 65 AND 74 THEN '65 - 74'

WHEN m.Age\_At\_Referral >=75 THEN '75 +'

END) AS Age\_Group,

(CASE WHEN m.Age\_At\_Referral IS NULL OR m.Age\_At\_Referral = 0 THEN NULL

WHEN m.Age\_At\_Referral <18 THEN '<18'

WHEN m.Age\_At\_Referral >=18 AND m.Age\_At\_Referral <25 THEN '18-24'

WHEN m.Age\_At\_Referral >=25 AND m.Age\_At\_Referral <30 THEN '25-29'

WHEN m.Age\_At\_Referral >=30 AND m.Age\_At\_Referral <35 THEN '30-34'

WHEN m.Age\_At\_Referral >=35 AND m.Age\_At\_Referral <40 THEN '35-39'

WHEN m.Age\_At\_Referral >=40 AND m.Age\_At\_Referral <45 THEN '40-44'

WHEN m.Age\_At\_Referral >=45 AND m.Age\_At\_Referral <50 THEN '45-49'

WHEN m.Age\_At\_Referral >=50 AND m.Age\_At\_Referral <55 THEN '50-54'

WHEN m.Age\_At\_Referral >=55 AND m.Age\_At\_Referral <60 THEN '55-59'

WHEN m.Age\_At\_Referral >=60 AND m.Age\_At\_Referral <65 THEN '60-64'

WHEN m.Age\_At\_Referral >=65 AND m.Age\_At\_Referral <70 THEN '65-69'

WHEN m.Age\_At\_Referral >=70 AND m.Age\_At\_Referral <75 THEN '70-74'

WHEN m.Age\_At\_Referral >=75 AND m.Age\_At\_Referral <80 THEN '75-79'

WHEN m.Age\_At\_Referral >=80 AND m.Age\_At\_Referral <85 THEN '80-84'

WHEN m.Age\_At\_Referral >=85 AND m.Age\_At\_Referral <90 THEN '85-89'

WHEN m.Age\_At\_Referral >=90 AND m.Age\_At\_Referral <95 THEN '90-94'

WHEN m.Age\_At\_Referral >=95 AND m.Age\_At\_Referral <100 THEN '95-99'

WHEN m.Age\_At\_Referral >=100 THEN '100+'

ELSE NULL END)

AS Age\_Group\_in\_5\_year\_bands,

m.Ethnicity AS Ethnic\_Code,

e.Ethnicity\_Desc AS Ethnicity\_Desc,

e.EthnicGroup AS Ethnic\_Group,

(CASE

WHEN m.Ethnicity IN ('H','J','K')

THEN 'South Asian'

WHEN m.Ethnicity IN ('L', 'R')

THEN 'Any other Asian background'

WHEN m.Ethnicity IN ('X', 'Z', '99', NULL)

THEN 'Unknown'

ELSE e.EthnicGroup END) AS refined\_Ethnicity,

--Additional column(White, Non-White, unknown) - for some analysis numbers are too small to just use south asian and black etc,

(CASE

WHEN m.Ethnicity IN ('A','B','C')

THEN 'White'

WHEN m.Ethnicity IN ('X', 'Z', '99', NULL)

THEN 'Unknown'

ELSE 'BAME' END) AS Broad\_Ethnicity,

--Show height if between 1 to 2 metres

(CASE

WHEN m.Height\_Measurement BETWEEN 1 AND 2.1 --changed 2 to 2.1 07/11/2019

THEN m.Height\_Measurement

ELSE NULL

END) AS Height,

m.Height\_Measurement AS Height\_Measurement,

--Show weight if weight is between 30 to 300 kg

--Referral weight stored in the main table

(CASE

WHEN m.Referral\_Weight\_Measurement IS NULL THEN NULL

WHEN m.Referral\_Weight\_Measurement BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN m.Referral\_Weight\_Measurement

WHEN m.Referral\_Weight\_Measurement < 35 OR m.Referral\_Weight\_Measurement > 300 --changed 30 to 35 07/11/2019

THEN '9999'

ELSE '9000'

END) AS Referral\_Weight,

/\*

For weights, differentiate between incorrect or NULL, show incorrect -99

\*/

-- The below is the initial assessment weight stored in the interventions table

(CASE

WHEN i00.Weight\_Measurement IS NULL THEN NULL

WHEN i00.Weight\_Measurement BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN i00.Weight\_Measurement

WHEN i00.Weight\_Measurement < 35 OR i00.Weight\_Measurement > 300 --changed 30 to 35 07/11/2019

THEN '9999'

ELSE '9000'

END) AS IA\_Weight,

--BMI based on the weight at initial assessment

(CASE

WHEN m.Height\_Measurement = 0

OR m.Height\_Measurement IS NULL

OR m.Height\_Measurement NOT BETWEEN 1 AND 2

OR i00.Weight\_Measurement = 0

OR i00.Weight\_Measurement IS NULL

OR i00.Weight\_Measurement NOT BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN NULL

ELSE

CAST(i00.Weight\_Measurement/(m.Height\_Measurement \* m.Height\_Measurement) AS Decimal(18,5))

END) AS BMI\_at\_IA,

(CASE

WHEN i01.Weight\_Measurement IS NULL THEN NULL

WHEN i01.Weight\_Measurement BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN i01.Weight\_Measurement

WHEN i01.Weight\_Measurement < 35 OR i01.Weight\_Measurement > 300 --changed 30 to 35 07/11/2019

THEN '9999'

ELSE '9000'

END) AS IV\_01\_Weight\_Measurement,

--BMI based on the weight at Intervention 1

(CASE

WHEN m.Height\_Measurement = 0

OR m.Height\_Measurement IS NULL

OR m.Height\_Measurement NOT BETWEEN 1 AND 2.1 --changed 2 to 2.1 07/11/2019

OR i01.Weight\_Measurement = 0

OR i01.Weight\_Measurement IS NULL

OR i01.Weight\_Measurement NOT BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN NULL

ELSE

CAST(i01.Weight\_Measurement / (m.Height\_Measurement \* m.Height\_Measurement) AS DECIMAL(18,5))

END) AS BMI\_at\_IV1,

/\* If IA\_Weight\_Measurement or IV\_01\_Weight\_Measurement is <30 or >300, return blank,

otherwise return IV\_01\_Weight\_Measurement minus IA\_Weight\_Measurement \*/

(CASE

WHEN i00.Weight\_Measurement = 0

OR i00.Weight\_Measurement IS NULL

OR i00.Weight\_Measurement NOT BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

OR i01.Weight\_Measurement = 0

OR i01.Weight\_Measurement IS NULL

OR i01.Weight\_Measurement NOT BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN NULL

ELSE

i01.Weight\_Measurement-i00.Weight\_Measurement

END) AS Weight\_diff\_IA\_vs\_IV1,

/\*

[Percentage\_Weight\_diff\_IA\_vs\_IV1]

If IA\_Weight\_Measurement or IV\_01\_Weight\_Measurement is <30 or >400, return blank,

otherwise return Weight\_diff\_IA\_vs\_IV1 divided by IA\_Weight\_Measurement

\*/

(CASE

WHEN i00.Weight\_Measurement = 0

OR i00.Weight\_Measurement IS NULL

OR i00.Weight\_Measurement NOT BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

OR i01.Weight\_Measurement = 0

OR i01.Weight\_Measurement IS NULL

OR i01.Weight\_Measurement NOT BETWEEN 35 AND 300 --changed 30 to 35 07/11/2019

THEN NULL

ELSE

(i01.Weight\_Measurement-i00.Weight\_Measurement)/i00.Weight\_Measurement

END) AS Percentage\_Weight\_diff\_IA\_vs\_IV1,

CAST(i00.Date\_Of\_Session AS date) AS Date\_Of\_IA,

-- FPG date check

(CASE

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt

THEN 'Yes'

WHEN m.Date\_of\_Referral\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt

THEN 'No'

ELSE NULL END) AS [FPG\_Referral\_date\_confirmed],

--HbA1c Date check

(CASE

WHEN

m.[Date\_of\_Referral\_HbA1c\_Reading] <= m.Date\_Of\_Referral\_Receipt

THEN 'Yes'

WHEN m.[Date\_of\_Referral\_HbA1c\_Reading] > m.Date\_Of\_Referral\_Receipt

THEN 'No'

ELSE NULL END) AS [HbA1c\_Referral\_date\_confirmed],

-- FPG date check

(CASE

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt

THEN 'Yes'

WHEN m.Date\_of\_Provider\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt

THEN 'No'

ELSE NULL END) AS [FPG\_Provider\_date\_confirmed],

--HbA1c Date check

(CASE

WHEN

m.[Date\_of\_Provider\_HbA1c\_Reading] > m.Date\_Of\_Referral\_Receipt

THEN 'Yes'

WHEN m.[Date\_of\_Provider\_HbA1c\_Reading] <= m.Date\_Of\_Referral\_Receipt

THEN 'No'

ELSE NULL END) AS [HbA1c\_Provider\_date\_confirmed],

m.Date\_of\_Referral\_FPG\_Reading AS Date\_of\_Referral\_FPG\_Reading,

m.Date\_of\_Referral\_HbA1c\_Reading AS Date\_of\_Referral\_HbA1c\_Reading,

m.Date\_of\_Provider\_HbA1c\_Reading AS Date\_of\_Provider\_HbA1c\_Reading,

CAST(m.Date\_Of\_Referral\_Receipt AS date) AS Date\_Of\_Referral\_Receipt,

m.[Referral\_FPG\_Reading] AS Referral\_FPG\_Reading,

(CASE

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_FPG\_Reading IS NULL THEN NULL

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_FPG\_Reading <=0 THEN 'Check - FPG <=0'

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_FPG\_Reading >0 AND m.Referral\_FPG\_Reading <5.5 THEN 'Normal'

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_FPG\_Reading >=5.5 AND m.Referral\_FPG\_Reading <6.5 THEN 'NDH'

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_FPG\_Reading >=6.5 AND m.Referral\_FPG\_Reading < 20 THEN 'Diabetes'

WHEN m.Date\_of\_Referral\_FPG\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_FPG\_Reading >= 20 AND m.Referral\_FPG\_Reading <99999 THEN 'Check - FPG >19'

WHEN m.Date\_of\_Referral\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt THEN 'FPG date after referral date'

ELSE 'No referral FPG blood value recorded'

END) AS [Diabetes\_Classification\_FPG\_Referral]

/\* DOM feedback

This has additional option of 'No referral FPG blood value recorded' - but I think this comes up

if there is no referral FPG date - can you have separate options one that says 'No referral FPG blood value'

if there is no referral FPG blood, and another that says 'Referral FPG with no date' if there is a referral

FPG reading with no date?

\*/

/\*Problem is [Referral\_FPG\_Reading] is a mixed field type, numeric and varchar (Maybe not. Steven may have replaced blanks with NULLs, but will this be the case in the dataset held by hte CSU?). I have had to remove the criteria (made it into comment using --) looking for blanks in order to allow the case expression to work.)

This may result in blanks being treated as zeros, which is probably not correct.

\*/

,m.Referral\_HbA1c\_Reading AS Referral\_HbA1c\_Reading

,(CASE

--WHEN m.Date\_of\_Referral\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading = '' THEN 'No referral HbA1c blood value recorded'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading IS NULL THEN NULL

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading <4 THEN 'Check - HbA1c value <4(%)'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >4 AND m.Referral\_HbA1c\_Reading <6 THEN 'Normal'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >6 AND m.Referral\_HbA1c\_Reading <=6.4 THEN 'NDH'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >6.4 AND m.Referral\_HbA1c\_Reading <=12.7 THEN 'Diabetes'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >12.7 AND m.Referral\_HbA1c\_Reading <=20 THEN 'Check - HbA1c value <20 but more than 12.7(%)'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >20 AND m.Referral\_HbA1c\_Reading <41.5 THEN 'Normal'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >=41.5 AND m.Referral\_HbA1c\_Reading <47.5 THEN 'NDH'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >=47.5 AND m.Referral\_HbA1c\_Reading <115 THEN 'Diabetes'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading <= m.Date\_Of\_Referral\_Receipt AND m.Referral\_HbA1c\_Reading >115 AND m.Referral\_HbA1c\_Reading <99999 THEN 'Check - HbA1c value >115'

WHEN m.Date\_of\_Referral\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt THEN 'HbA1c date after referral date'

ELSE 'No referral HbA1c blood value recorded'

END) AS [Diabetes\_Classification\_HbA1c\_Referral],

(CASE

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading IS NULL THEN NULL

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading <=0 THEN 'Check - FPG <=0'

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading >0 AND m.Provider\_FPG\_Reading <5.5 THEN 'Normal'

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading >=5.5 AND m.Provider\_FPG\_Reading <6.5 THEN 'NDH'

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading >=6.5 AND m.Provider\_FPG\_Reading < 20 THEN 'Diabetes'

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading >= 20 AND m.Provider\_FPG\_Reading <99999 THEN 'Check - FPG >19'

WHEN m.Date\_of\_Provider\_FPG\_Reading < m.Date\_Of\_Referral\_Receipt THEN 'FPG date before referral date'

ELSE 'No FPG blood value recorded'

-- South London have referral and initial assessment on the same date, not sure if still happening. May need to add a sub-category for South London.

END) AS [Diabetes\_Classification\_FPG\_Provider]

,(CASE

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading IS NULL THEN NULL

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading <4 THEN 'Check - HbA1c value <4(%)'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >4 AND m.Provider\_HbA1c\_Reading <6 THEN 'Normal'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >6 AND m.Provider\_HbA1c\_Reading <=6.4 THEN 'NDH'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >6.4 AND m.Provider\_HbA1c\_Reading <=12.7 THEN 'Diabetes'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >12.7 AND m.Provider\_HbA1c\_Reading <=20 THEN 'Check - HbA1c value <20 but more than 12.7(%)'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >20 AND m.Provider\_HbA1c\_Reading <41.5 THEN 'Normal'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >=41.5 AND m.Provider\_HbA1c\_Reading <47.5 THEN 'NDH'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >=47.5 AND m.Provider\_HbA1c\_Reading <115 THEN 'Diabetes'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >115 AND m.Provider\_HbA1c\_Reading <99999 THEN 'Check - HbA1c value >115'

WHEN m.Date\_of\_Provider\_HbA1c\_Reading < m.Date\_Of\_Referral\_Receipt THEN 'HbA1c date before referral date'

-- South London have referral and initial assessment on the same date, not sure if still happening. May need to add a sub-category for South London.

ELSE 'No HbA1c blood value recorded'

END) AS [Diabetes\_Classification\_HbA1c\_Provider]

,(CASE

WHEN m.Six\_Month\_FPG IS NULL THEN NULL

WHEN m.Six\_Month\_FPG <=0 THEN 'Check - FPG <=0'

WHEN m.Six\_Month\_FPG >0 AND m.Six\_Month\_FPG <5.5 THEN 'Normal'

WHEN m.Six\_Month\_FPG >=5.5 AND m.Six\_Month\_FPG <6.5 THEN 'NDH'

WHEN m.Six\_Month\_FPG >=6.5 AND m.Six\_Month\_FPG < 20 THEN 'Diabetes'

WHEN m.Six\_Month\_FPG >= 20 AND m.Six\_Month\_FPG <99999 THEN 'Check - FPG >19'

ELSE 'No FPG blood value recorded'

END) AS [Diabetes\_Classification\_FPG\_Six\_Months]

,(CASE

WHEN m.Six\_Month\_HbA1c IS NULL THEN NULL

WHEN m.Six\_Month\_HbA1c <4 THEN 'Check - HbA1c value <4(%)'

WHEN m.Six\_Month\_HbA1c >4 AND m.Six\_Month\_HbA1c <6 THEN 'Normal'

WHEN m.Six\_Month\_HbA1c >6 AND m.Six\_Month\_HbA1c <=6.4 THEN 'NDH'

WHEN m.Six\_Month\_HbA1c >6.4 AND m.Six\_Month\_HbA1c <=12.7 THEN 'Diabetes'

WHEN m.Six\_Month\_HbA1c >12.7 AND m.Six\_Month\_HbA1c <=20 THEN 'Check - HbA1c value <20 but more than 12.7(%)'

WHEN m.Six\_Month\_HbA1c >20 AND m.Six\_Month\_HbA1c <41.5 THEN 'Normal'

WHEN m.Six\_Month\_HbA1c >=41.5 AND m.Six\_Month\_HbA1c <47.5 THEN 'NDH'

WHEN m.Six\_Month\_HbA1c >=47.5 AND m.Six\_Month\_HbA1c <115 THEN 'Diabetes'

WHEN m.Six\_Month\_HbA1c >115 AND m.Six\_Month\_HbA1c <99999 THEN 'Check - HbA1c value >115'

ELSE 'No HbA1c blood value recorded'

END) AS [Diabetes\_Classification\_HbA1c\_Six\_Months]

,(CASE

WHEN m.End\_Session\_FPG IS NULL THEN NULL

WHEN m.End\_Session\_FPG <=0 THEN 'Check - FPG <=0'

WHEN m.End\_Session\_FPG >0 AND m.End\_Session\_FPG <5.5 THEN 'Normal'

WHEN m.End\_Session\_FPG >=5.5 AND m.End\_Session\_FPG <6.5 THEN 'NDH'

WHEN m.End\_Session\_FPG >=6.5 AND m.End\_Session\_FPG < 20 THEN 'Diabetes'

WHEN m.End\_Session\_FPG >= 20 AND m.End\_Session\_FPG <99999 THEN 'Check - FPG >19'

ELSE 'No FPG blood value recorded'

END) AS [Diabetes\_Classification\_FPG\_End\_Session]

,(CASE

WHEN m.End\_Session\_HbA1c IS NULL THEN NULL

WHEN m.End\_Session\_HbA1c <4 THEN 'Check - HbA1c value <4(%)'

WHEN m.End\_Session\_HbA1c >4 AND m.End\_Session\_HbA1c <6 THEN 'Normal'

WHEN m.End\_Session\_HbA1c >6 AND m.End\_Session\_HbA1c <=6.4 THEN 'NDH'

WHEN m.End\_Session\_HbA1c >6.4 AND m.End\_Session\_HbA1c <=12.7 THEN 'Diabetes'

WHEN m.End\_Session\_HbA1c >12.7 AND m.End\_Session\_HbA1c <=20 THEN 'Check - HbA1c value <20 but more than 12.7(%)'

WHEN m.End\_Session\_HbA1c >20 AND m.End\_Session\_HbA1c <41.5 THEN 'Normal'

WHEN m.End\_Session\_HbA1c >=41.5 AND m.End\_Session\_HbA1c <47.5 THEN 'NDH'

WHEN m.End\_Session\_HbA1c >=47.5 AND m.End\_Session\_HbA1c <115 THEN 'Diabetes'

WHEN m.End\_Session\_HbA1c >115 AND m.End\_Session\_HbA1c <99999 THEN 'Check - HbA1c value >115'

ELSE 'No HbA1c blood value recorded'

END) AS [Diabetes\_Classification\_HbA1c\_End\_Session]

-- Problem - CASE statements may NOT ALWAYS evaluate arguments sequentially. This means that the results for this column should be checked extensively.

,CAST((CASE

WHEN i18.[Date\_Of\_Session] IS NOT NULL AND i18.[Record\_Of\_Attendance] = 1

THEN i18.[Date\_Of\_Session]

WHEN i17.[Date\_Of\_Session] IS NOT NULL AND i17.[Record\_Of\_Attendance] = 1

THEN i17.[Date\_Of\_Session]

WHEN i16.[Date\_Of\_Session] IS NOT NULL AND i16.[Record\_Of\_Attendance] = 1

THEN i16.[Date\_Of\_Session]

WHEN i15.[Date\_Of\_Session] IS NOT NULL AND i15.[Record\_Of\_Attendance] = 1

THEN i15.[Date\_Of\_Session]

WHEN i14.[Date\_Of\_Session] IS NOT NULL AND i14.[Record\_Of\_Attendance] = 1

THEN i14.[Date\_Of\_Session]

WHEN i13.[Date\_Of\_Session] IS NOT NULL AND i13.[Record\_Of\_Attendance] = 1

THEN i13.[Date\_Of\_Session]

WHEN i12.[Date\_Of\_Session] IS NOT NULL AND i12.[Record\_Of\_Attendance] = 1

THEN i12.[Date\_Of\_Session]

WHEN i11.[Date\_Of\_Session] IS NOT NULL AND i11.[Record\_Of\_Attendance] = 1

THEN i11.[Date\_Of\_Session]

WHEN i10.[Date\_Of\_Session] IS NOT NULL AND i10.[Record\_Of\_Attendance] = 1

THEN i10.[Date\_Of\_Session]

WHEN i09.[Date\_Of\_Session] IS NOT NULL AND i09.[Record\_Of\_Attendance] = 1

THEN i09.[Date\_Of\_Session]

WHEN i08.[Date\_Of\_Session] IS NOT NULL AND i08.[Record\_Of\_Attendance] = 1

THEN i08.[Date\_Of\_Session]

WHEN i07.[Date\_Of\_Session] IS NOT NULL AND i07.[Record\_Of\_Attendance] = 1

THEN i07.[Date\_Of\_Session]

WHEN i06.[Date\_Of\_Session] IS NOT NULL AND i06.[Record\_Of\_Attendance] = 1

THEN i06.[Date\_Of\_Session]

WHEN i05.[Date\_Of\_Session] IS NOT NULL AND i05.[Record\_Of\_Attendance] = 1

THEN i05.[Date\_Of\_Session]

WHEN i04.[Date\_Of\_Session] IS NOT NULL AND i04.[Record\_Of\_Attendance] = 1

THEN i04.[Date\_Of\_Session]

WHEN i03.[Date\_Of\_Session] IS NOT NULL AND i03.[Record\_Of\_Attendance] = 1

THEN i03.[Date\_Of\_Session]

WHEN i02.[Date\_Of\_Session] IS NOT NULL AND i02.[Record\_Of\_Attendance] = 1

THEN i02.[Date\_Of\_Session]

WHEN i01.[Date\_Of\_Session] IS NOT NULL AND i01.[Record\_Of\_Attendance] = 1

THEN i01.[Date\_Of\_Session]

WHEN i00.[Date\_Of\_Session] IS NOT NULL AND i00.[Record\_Of\_Attendance] = 1

THEN i00.[Date\_Of\_Session]

WHEN m.[Date\_Of\_First\_Successful\_Contact] IS NOT NULL

THEN m.[Date\_Of\_First\_Successful\_Contact]

WHEN m.[Date\_Of\_First\_Contact] IS NOT NULL

THEN m.[Date\_Of\_First\_Contact]

WHEN m.[Date\_Of\_Referral\_Receipt] IS NOT NULL

THEN m.[Date\_Of\_Referral\_Receipt] ELSE NULL

END) AS date)

/\*

The interventions data has been split across multiple temporaty tables i0 through to i18.

The coding used in the Record\_Of\_Attendance field is;

1 Attended

2 Did Not attend

3 Session Cancelled

\*/

-- This date is of the highest session number, not necessarily the most recent date.

AS [Date\_of\_last\_session\_or\_contact],

--LastAttendedSessionNumber is from a SELECT query that has been joined after FROM at the end of the CTE. This has been named iss.

iss.LastAttendedSessionNumber,

iss.Last\_Session\_Num\_possible,

-- The above gives the actual session number and is not a count of sessions attended.

iss.Date\_of\_LastAttendedSession,

iss.Date\_of\_LastAttendedSession\_XIA,

(CASE

WHEN i18.[Date\_Of\_Session] IS NOT NULL AND i18.[Record\_Of\_Attendance] = 1 THEN '18'

WHEN i17.[Date\_Of\_Session] IS NOT NULL AND i17.[Record\_Of\_Attendance] = 1 THEN '17'

WHEN i16.[Date\_Of\_Session] IS NOT NULL AND i16.[Record\_Of\_Attendance] = 1 THEN '16'

WHEN i15.[Date\_Of\_Session] IS NOT NULL AND i15.[Record\_Of\_Attendance] = 1 THEN '15'

WHEN i14.[Date\_Of\_Session] IS NOT NULL AND i14.[Record\_Of\_Attendance] = 1 THEN '14'

WHEN i13.[Date\_Of\_Session] IS NOT NULL AND i13.[Record\_Of\_Attendance] = 1 THEN '13'

WHEN i12.[Date\_Of\_Session] IS NOT NULL AND i12.[Record\_Of\_Attendance] = 1 THEN '12'

WHEN i11.[Date\_Of\_Session] IS NOT NULL AND i11.[Record\_Of\_Attendance] = 1 THEN '11'

WHEN i10.[Date\_Of\_Session] IS NOT NULL AND i10.[Record\_Of\_Attendance] = 1 THEN '10'

WHEN i09.[Date\_Of\_Session] IS NOT NULL AND i09.[Record\_Of\_Attendance] = 1 THEN '09'

WHEN i08.[Date\_Of\_Session] IS NOT NULL AND i08.[Record\_Of\_Attendance] = 1 THEN '08'

WHEN i07.[Date\_Of\_Session] IS NOT NULL AND i07.[Record\_Of\_Attendance] = 1 THEN '07'

WHEN i06.[Date\_Of\_Session] IS NOT NULL AND i06.[Record\_Of\_Attendance] = 1 THEN '06'

WHEN i05.[Date\_Of\_Session] IS NOT NULL AND i05.[Record\_Of\_Attendance] = 1 THEN '05'

WHEN i04.[Date\_Of\_Session] IS NOT NULL AND i04.[Record\_Of\_Attendance] = 1 THEN '04'

WHEN i03.[Date\_Of\_Session] IS NOT NULL AND i03.[Record\_Of\_Attendance] = 1 THEN '03'

WHEN i02.[Date\_Of\_Session] IS NOT NULL AND i02.[Record\_Of\_Attendance] = 1 THEN '02'

WHEN i01.[Date\_Of\_Session] IS NOT NULL AND i01.[Record\_Of\_Attendance] = 1 THEN '01'

WHEN i00.[Date\_Of\_Session] IS NOT NULL AND i00.[Record\_Of\_Attendance] = 1 THEN 'Initial Assessment'

WHEN m.[Date\_Of\_First\_Successful\_Contact] IS NOT NULL

THEN 'Had first successful contact but not IA'

WHEN m.[Date\_Of\_First\_Contact] IS NOT NULL

THEN 'First contact attempted but not successful contact'

WHEN m.[Date\_Of\_Referral\_Receipt] IS NOT NULL

THEN 'Referral only'

ELSE NULL

END) AS Txt\_LastAttendedSessionNumber,

iss.Attended\_XIA,

-- The above gives the actual session number and is not a count of sesssions attended.

m.[Date\_of\_discharge],

(CASE

WHEN m.[Date\_of\_discharge] < m.Date\_Of\_Referral\_Receipt THEN 'Date error'

WHEN m.[Date\_of\_discharge] IS NOT NULL THEN 'Discharged'

ELSE NULL

END) AS Non\_Completion

-- Some people have a non-completion and completion date at the same time, error from providers.

/\*

\* If Date\_Participant\_Non\_Completion date is before referral, return “Date error”

\* If Date\_Participant\_Non\_Completion date blank, return "NULL"

\* Otherwise return ‘Not completing’

\*/

, (CASE

WHEN m.Registered\_Practice\_Code IS NOT NULL THEN m.Registered\_Practice\_Code

ELSE m.Organisation\_Code\_Referrer

END) AS GP\_PracticeCode\_or\_referrer\_code\_if\_blank

,CONVERT(date, RD.ReportingDate ,103) AS [End\_of\_reporting\_period\_cut\_off\_point]

-- Change m.Date\_Of\_Referral\_Receipt to the correct date. I have copied the function and put it in another column directly.

,MONTH(RD.ReportingDate)+2 AS ReportPeriodID

-- Only do cohort when last attended session is 1 or more. Attended\_XIA

,

(CASE WHEN Attended\_XIA <> 0 THEN

CONCAT(m.[Provider\_Name],

' ',

(CASE WHEN i01.[Date\_Of\_Session] IS NOT NULL THEN FORMAT( i01.[Date\_Of\_Session], 'dd/MM/yy', 'en-gb' ) ELSE 'NULL' END),

' ',

(CASE WHEN i01.[Time\_Of\_Session] IS NOT NULL THEN LEFT(i01.[Time\_Of\_Session], 5) ELSE 'NULL' END),

' ',

(CASE WHEN i01.Postcode\_Location\_Of\_Session IS NOT NULL THEN i01.Postcode\_Location\_Of\_Session ELSE 'NULL' END))

ELSE NULL END) AS Cohort\_ID

,iss.Attended

,iss.DidNotAttend

,iss.Total\_Session\_Count AS Total\_Session\_Count

, CONVERT(DECIMAL(10,2), (CASE

WHEN iss.LastAttendedSessionNumber = 0 THEN i00.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 1 THEN i01.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 2 THEN i02.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 3 THEN i03.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 4 THEN i04.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 5 THEN i05.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 6 THEN i06.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 7 THEN i07.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 8 THEN i08.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 9 THEN i09.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 10 THEN i10.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 11 THEN i11.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 12 THEN i12.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 13 THEN i13.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 14 THEN i14.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 15 THEN i15.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 16 THEN i16.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 17 THEN i17.[Weight\_Measurement]

WHEN iss.LastAttendedSessionNumber = 18 THEN i18.[Weight\_Measurement]

ELSE NULL

END)) AS Last\_weight\_recorded,

(CASE

WHEN m.[Registered\_Practice\_Code] IS NULL

THEN 'GP Practice Code not recorded'

WHEN PracticeList.CCG\_Code IS NULL

THEN 'GP practice code not in lookup'

ELSE PracticeList.CCG\_Code

END) AS CCG\_Code

/\*

if Registered\_Practice\_Code = blank & Organisation\_Code\_Referrer = blank, return “GP Practice Code not recorded”

\* if GP\_PracticeCode\_or\_referrer\_code\_if\_blank is not in the Lookups GP Practice code to CCG Code table, return “GP practice code not in lookup”

\* otherwise return CCG Code based on GP\_PracticeCode\_or\_referrer\_code\_if\_blank from the Lookups GP Practice code to CCG Code table

\*/

, (CASE

WHEN m.[Registered\_Practice\_Code] IS NULL

THEN 'GP Practice Code not recorded'

WHEN PracticeList.CCG\_Code IS NULL

THEN 'GP practice code not in lookup'

ELSE ODS\_CCG\_OrgName

END) AS CCG\_Name,

m.Call\_Off\_contract\_Number AS Call\_Off\_contract\_Number,

m.Call\_Off\_Contract\_Site\_Name AS Call\_Off\_Contract\_Site\_Name,

/\*

\* if CCG\_Code = GP Practice Code not recorded or GP practice code not in lookup, return "NULL"

\* otherwise return CCG\_name based on CCG\_Code from the Lookups CCG code to CCG name table

\*/

(CASE

WHEN i18.[Date\_Of\_Session] IS NOT NULL AND i18.[Record\_Of\_Attendance] = 1 AND i18.[Date\_Of\_Session] < RD.ReportingDate

THEN i18.[Date\_Of\_Session]

WHEN i17.[Date\_Of\_Session] IS NOT NULL AND i17.[Record\_Of\_Attendance] = 1 AND i17.[Date\_Of\_Session] < RD.ReportingDate

THEN i17.[Date\_Of\_Session]

WHEN i16.[Date\_Of\_Session] IS NOT NULL AND i16.[Record\_Of\_Attendance] = 1 AND i16.[Date\_Of\_Session] < RD.ReportingDate

THEN i16.[Date\_Of\_Session]

WHEN i15.[Date\_Of\_Session] IS NOT NULL AND i15.[Record\_Of\_Attendance] = 1 AND i15.[Date\_Of\_Session] < RD.ReportingDate

THEN i15.[Date\_Of\_Session]

WHEN i14.[Date\_Of\_Session] IS NOT NULL AND i14.[Record\_Of\_Attendance] = 1 AND i14.[Date\_Of\_Session] < RD.ReportingDate

THEN i14.[Date\_Of\_Session]

WHEN i13.[Date\_Of\_Session] IS NOT NULL AND i13.[Record\_Of\_Attendance] = 1 AND i13.[Date\_Of\_Session] < RD.ReportingDate

THEN i13.[Date\_Of\_Session]

WHEN i12.[Date\_Of\_Session] IS NOT NULL AND i12.[Record\_Of\_Attendance] = 1 AND i12.[Date\_Of\_Session] < RD.ReportingDate

THEN i12.[Date\_Of\_Session]

WHEN i11.[Date\_Of\_Session] IS NOT NULL AND i11.[Record\_Of\_Attendance] = 1 AND i11.[Date\_Of\_Session] < RD.ReportingDate

THEN i11.[Date\_Of\_Session]

WHEN i10.[Date\_Of\_Session] IS NOT NULL AND i10.[Record\_Of\_Attendance] = 1 AND i10.[Date\_Of\_Session] < RD.ReportingDate

THEN i10.[Date\_Of\_Session]

WHEN i09.[Date\_Of\_Session] IS NOT NULL AND i09.[Record\_Of\_Attendance] = 1 AND i09.[Date\_Of\_Session] < RD.ReportingDate

THEN i09.[Date\_Of\_Session]

WHEN i08.[Date\_Of\_Session] IS NOT NULL AND i08.[Record\_Of\_Attendance] = 1 AND i08.[Date\_Of\_Session] < RD.ReportingDate

THEN i08.[Date\_Of\_Session]

WHEN i07.[Date\_Of\_Session] IS NOT NULL AND i07.[Record\_Of\_Attendance] = 1 AND i07.[Date\_Of\_Session] < RD.ReportingDate

THEN i07.[Date\_Of\_Session]

WHEN i06.[Date\_Of\_Session] IS NOT NULL AND i06.[Record\_Of\_Attendance] = 1 AND i06.[Date\_Of\_Session] < RD.ReportingDate

THEN i06.[Date\_Of\_Session]

WHEN i05.[Date\_Of\_Session] IS NOT NULL AND i05.[Record\_Of\_Attendance] = 1 AND i05.[Date\_Of\_Session] < RD.ReportingDate

THEN i05.[Date\_Of\_Session]

WHEN i04.[Date\_Of\_Session] IS NOT NULL AND i04.[Record\_Of\_Attendance] = 1 AND i04.[Date\_Of\_Session] < RD.ReportingDate

THEN i04.[Date\_Of\_Session]

WHEN i03.[Date\_Of\_Session] IS NOT NULL AND i03.[Record\_Of\_Attendance] = 1 AND i03.[Date\_Of\_Session] < RD.ReportingDate

THEN i03.[Date\_Of\_Session]

WHEN i02.[Date\_Of\_Session] IS NOT NULL AND i02.[Record\_Of\_Attendance] = 1 AND i02.[Date\_Of\_Session] < RD.ReportingDate

THEN i02.[Date\_Of\_Session]

WHEN i01.[Date\_Of\_Session] IS NOT NULL AND i01.[Record\_Of\_Attendance] = 1 AND i01.[Date\_Of\_Session] < RD.ReportingDate

THEN i01.[Date\_Of\_Session]

WHEN i00.[Date\_Of\_Session] IS NOT NULL AND i00.[Record\_Of\_Attendance] = 1 AND i00.[Date\_Of\_Session] < RD.ReportingDate

THEN i00.[Date\_Of\_Session]

WHEN m.[Date\_Of\_First\_Successful\_Contact] IS NOT NULL

THEN m.[Date\_Of\_First\_Successful\_Contact]

WHEN m.[Date\_Of\_First\_Contact] IS NOT NULL

THEN m.[Date\_Of\_First\_Contact]

WHEN m.[Date\_Of\_Referral\_Receipt] IS NOT NULL

THEN m.[Date\_Of\_Referral\_Receipt] ELSE NULL

END) AS [Last\_contact\_date\_minus\_dateofcutoff],

--The above subtracts the date of the highest session number from the cut-off date, not the most recent date.

m.Provider\_FPG\_Reading as Provider\_FPG\_Reading,

m.Six\_Month\_FPG AS Six\_Month\_FPG,

((CASE

WHEN m.Six\_Month\_FPG IS NULL THEN NULL

WHEN m.Six\_Month\_FPG <=0 THEN NULL

WHEN m.Six\_Month\_FPG > 0 AND m.Six\_Month\_FPG < 20 THEN m.Six\_Month\_FPG

WHEN m.Six\_Month\_FPG >= 20 AND m.Six\_Month\_FPG <99999 THEN NULL

ELSE NULL

END) - (CASE

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading IS NULL THEN NULL

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading <=0 THEN NULL

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading >0 AND m.Provider\_FPG\_Reading<20 THEN m.Provider\_FPG\_Reading

WHEN m.Date\_of\_Provider\_FPG\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_FPG\_Reading >= 20 AND m.Provider\_FPG\_Reading <99999 THEN NULL

WHEN m.Date\_of\_Provider\_FPG\_Reading < m.Date\_Of\_Referral\_Receipt THEN NULL

ELSE NULL

END)) AS Diff\_6\_Month\_provider\_FPG,

m.Provider\_HbA1c\_Reading AS Provider\_HbA1c\_Reading,

m.Six\_Month\_HbA1c AS Six\_Month\_HbA1c,

((CASE

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading IS NULL THEN NULL

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading <4 THEN NULL

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >4 AND m.Provider\_HbA1c\_Reading <=12.7 THEN m.Provider\_HbA1c\_Reading

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >12.7 AND m.Provider\_HbA1c\_Reading <=20 THEN NULL

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >20 AND m.Provider\_HbA1c\_Reading <115 THEN m.Provider\_HbA1c\_Reading

WHEN m.Date\_of\_Provider\_HbA1c\_Reading > m.Date\_Of\_Referral\_Receipt AND m.Provider\_HbA1c\_Reading >115 AND m.Provider\_HbA1c\_Reading <99999 THEN NULL

WHEN m.Date\_of\_Provider\_HbA1c\_Reading < m.Date\_Of\_Referral\_Receipt THEN NULL

ELSE NULL

END) - (CASE

WHEN m.Six\_Month\_HbA1c IS NULL THEN NULL

WHEN m.Six\_Month\_HbA1c <4 THEN NULL

WHEN m.Six\_Month\_HbA1c >4 AND m.Six\_Month\_HbA1c <=12.7 THEN m.Six\_Month\_HbA1c

WHEN m.Six\_Month\_HbA1c >12.7 AND m.Six\_Month\_HbA1c <=20 THEN NULL

WHEN m.Six\_Month\_HbA1c >20 AND m.Six\_Month\_HbA1c <115 THEN m.Six\_Month\_HbA1c

WHEN m.Six\_Month\_HbA1c >115 AND m.Six\_Month\_HbA1c <99999 THEN NULL

ELSE NULL

END)) AS Diff\_6\_Month\_provider\_HbA1c

--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* NEW participant reached last session \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*8

,(CASE

WHEN r.call\_off\_contract\_number NOT LIKE '19%' AND m.[Provider\_Name] = 'Reed' AND Last\_Session\_Num\_possible = 18 THEN 'Y'

WHEN r.call\_off\_contract\_number NOT LIKE '19%' AND m.[Provider\_Name] <> 'Reed' AND Last\_Session\_Num\_possible = 13 THEN 'Y'

WHEN r.call\_off\_contract\_number LIKE '19%' AND (r.Offered\_Digital\_DPP\_Option = 'X' OR r.Offered\_Digital\_DPP\_Option IS NULL OR r.Offered\_Digital\_DPP\_Option = 'N' ) AND Last\_Session\_Num\_possible = 13 THEN 'Y'

WHEN r.call\_off\_contract\_number LIKE '19%' AND r.Offered\_Digital\_DPP\_Option = 'Y' AND Last\_Session\_Num\_possible = 11 THEN 'Y'

ELSE 'N'

END) AS Participant\_reached\_last\_session

--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* NEW Percentage Complete CODE DB 13/12/2022 (this uses the logic of the delivery mode)

, CASE WHEN iss.Attended\_XIA = 0 then NULL

-- Framework 1 Reed had 18 sessions so building that in

WHEN (r.call\_off\_contract\_number LIKE '16%' OR r.call\_off\_contract\_number LIKE '17%' OR r.call\_off\_contract\_number LIKE '18%') AND m.Provider\_Name = 'Reed'

THEN CAST (iss.Attended\_XIA AS FLOAT)/18

WHEN (r.IV\_02\_Date\_Of\_Session IS NOT NULL OR r.Digital\_DPP\_Date\_Of\_Registration IS NOT NULL )

AND r.Accepted\_Digital\_DPP\_Option = 'Y' AND

( r.[IV\_02\_Record\_Of\_Attendance] = 1

OR r.[IV\_03\_Record\_Of\_Attendance]= 1

OR r.[IV\_04\_Record\_Of\_Attendance]= 1

OR r.[IV\_05\_Record\_Of\_Attendance]= 1

OR r.[IV\_06\_Record\_Of\_Attendance]= 1

OR r.[IV\_07\_Record\_Of\_Attendance]= 1

OR r.[IV\_08\_Record\_Of\_Attendance]= 1

OR r.[IV\_09\_Record\_Of\_Attendance]= 1

OR r.[IV\_10\_Record\_Of\_Attendance]= 1

OR r.[IV\_11\_Record\_Of\_Attendance]= 1 )

-- added

AND ( r.[IV\_02\_Type\_Of\_Session] = '4'

OR r.[IV\_03\_Type\_Of\_Session]= '4'

OR r.[IV\_04\_Type\_of\_Session]= '4'

OR r.[IV\_05\_Type\_of\_Session]= '4'

OR r.[IV\_06\_Type\_of\_Session]= '4'

OR r.[IV\_07\_Type\_of\_Session]= '4'

OR r.[IV\_08\_Type\_of\_Session]= '4'

OR r.[IV\_09\_Type\_of\_Session]= '4'

OR r.[IV\_10\_Type\_of\_Session]= '4'

OR r.[IV\_11\_Type\_of\_Session]= '4' )

THEN CAST (Number\_of\_digital\_IVs\_attended AS FLOAT)/10 -- 'Digital' percentage is out of sessions IV02 to IV11

-- not differentiated between tailored remote and Face to face as completion is the same

ELSE CAST (Attended\_XIA AS FLOAT)/13 END AS Percentage\_completed

--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--Time taken to complete

,DATEDIFF(DAY, i01.[Date\_Of\_Session], (CASE

WHEN i18.[Date\_Of\_Session] IS NOT NULL AND i18.[Record\_Of\_Attendance] = 1 THEN i18.[Date\_Of\_Session]

WHEN i17.[Date\_Of\_Session] IS NOT NULL AND i17.[Record\_Of\_Attendance] = 1 THEN i17.[Date\_Of\_Session]

WHEN i16.[Date\_Of\_Session] IS NOT NULL AND i16.[Record\_Of\_Attendance] = 1 THEN i16.[Date\_Of\_Session]

WHEN i15.[Date\_Of\_Session] IS NOT NULL AND i15.[Record\_Of\_Attendance] = 1 THEN i15.[Date\_Of\_Session]

WHEN i14.[Date\_Of\_Session] IS NOT NULL AND i14.[Record\_Of\_Attendance] = 1 THEN i14.[Date\_Of\_Session]

WHEN i13.[Date\_Of\_Session] IS NOT NULL AND i13.[Record\_Of\_Attendance] = 1 THEN i13.[Date\_Of\_Session]

WHEN i12.[Date\_Of\_Session] IS NOT NULL AND i12.[Record\_Of\_Attendance] = 1 THEN i12.[Date\_Of\_Session]

WHEN i11.[Date\_Of\_Session] IS NOT NULL AND i11.[Record\_Of\_Attendance] = 1 THEN i11.[Date\_Of\_Session]

WHEN i10.[Date\_Of\_Session] IS NOT NULL AND i10.[Record\_Of\_Attendance] = 1 THEN i10.[Date\_Of\_Session]

WHEN i09.[Date\_Of\_Session] IS NOT NULL AND i09.[Record\_Of\_Attendance] = 1 THEN i09.[Date\_Of\_Session]

WHEN i08.[Date\_Of\_Session] IS NOT NULL AND i08.[Record\_Of\_Attendance] = 1 THEN i08.[Date\_Of\_Session]

WHEN i07.[Date\_Of\_Session] IS NOT NULL AND i07.[Record\_Of\_Attendance] = 1 THEN i07.[Date\_Of\_Session]

WHEN i06.[Date\_Of\_Session] IS NOT NULL AND i06.[Record\_Of\_Attendance] = 1 THEN i06.[Date\_Of\_Session]

WHEN i05.[Date\_Of\_Session] IS NOT NULL AND i05.[Record\_Of\_Attendance] = 1 THEN i05.[Date\_Of\_Session]

WHEN i04.[Date\_Of\_Session] IS NOT NULL AND i04.[Record\_Of\_Attendance] = 1 THEN i04.[Date\_Of\_Session]

WHEN i03.[Date\_Of\_Session] IS NOT NULL AND i03.[Record\_Of\_Attendance] = 1 THEN i03.[Date\_Of\_Session]

WHEN i02.[Date\_Of\_Session] IS NOT NULL AND i02.[Record\_Of\_Attendance] = 1 THEN i02.[Date\_Of\_Session]

WHEN i01.[Date\_Of\_Session] IS NOT NULL AND i01.[Record\_Of\_Attendance] = 1 THEN i01.[Date\_Of\_Session]

WHEN i00.[Date\_Of\_Session] IS NOT NULL AND i00.[Record\_Of\_Attendance] = 1 THEN i00.[Date\_Of\_Session]

WHEN m.[Date\_Of\_First\_Successful\_Contact] IS NOT NULL THEN m.[Date\_Of\_First\_Successful\_Contact]

WHEN m.[Date\_Of\_First\_Contact] IS NOT NULL THEN m.[Date\_Of\_First\_Contact]

WHEN m.[Date\_Of\_Referral\_Receipt] IS NOT NULL THEN m.[Date\_Of\_Referral\_Receipt]

ELSE NULL END)) AS Date\_Difference\_IV1\_to\_Last,

i01.[Date\_Of\_Session] AS Date\_of\_IV1,

DATEDIFF(day,i01.Date\_Of\_Session, ReportingDate) AS Days\_from\_IV1\_to\_end,

CT.Days\_From\_IV1\_to\_final\_Session\_by\_date,

Observed\_Time\_To\_complete,

Tenth\_percentile\_to\_complete,

wave.[Wave\_and\_Tranche] AS Wave\_and\_Tranche,

(CASE WHEN

m.Date\_Of\_Discharge IS NOT NULL

THEN 1

ELSE 0

END) AS AR\_Comp\_noncomp\_filledin,

(CASE WHEN iss.Attended >=1 THEN 'Y' ELSE 'N' END) AS Reached\_IA,

DR.Date\_Reached\_IA,

(CASE WHEN iss.Attended\_XIA >=1 THEN 'Y' ELSE 'N' END) AS Reached\_IV1,

DR.Date\_Reached\_IV,

Date\_of\_LastPossibleSession,

--NEW SECTION ADDED FOR DIGITAL CATEGORISATION

F2FAttended\_IV1\_or\_beyond,

DigitalAttends\_IV2\_or\_beyond,

IA\_ATT\_OR\_DNA,

F2F\_DNA\_IV1\_or\_beyond,

Digital\_DNA\_IV2\_or\_beyond,

Max\_Session\_number,

(CASE WHEN r.Call\_Off\_contract\_Number >= 190000 and r.Call\_Off\_contract\_Number <= 199999 THEN 'Framework 2'

WHEN r.Call\_Off\_contract\_Number >= 200000 and r.Call\_Off\_contract\_Number <= 239999 THEN 'Framework 3' ELSE 'Framework 1' END) AS Framework, -- SS changed 19/06/2023

(CASE WHEN

r.Offered\_Digital\_DPP\_Option = 'Y' THEN i02.Date\_of\_Session ELSE NULL END) AS Date\_of\_Digital\_IV1,

(CASE

WHEN m.Call\_off\_Contract\_Number NOT LIKE '19%' THEN NULL

WHEN m.Call\_off\_contract\_number LIKE '19%' AND r.Offered\_Digital\_DPP\_Option = 'Y'

THEN (SELECT MAX(Clock\_Start)

FROM (VALUES (r.Digital\_DPP\_Date\_Of\_Registration),(i02.Date\_of\_session)) AS x(Clock\_Start))

ELSE i01.Date\_of\_Session END) AS Frame2\_Clock\_Start

-- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE

-- (and towards the end of the code)

,r.Der\_Pseudo\_NHS\_Number -- DB changed 07/07/2022

--Framework 3 additions

,r.[GP\_Consent]

,r.[Date\_chosen\_to\_defer\_starting\_programme]

,r.[Date\_of\_Acceptance\_to\_take\_part\_in\_programme]

,r.[Date\_GP\_notified\_of\_individual\_confirmation]

,r.MS1\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS1\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS1\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS1\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS1\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS1\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.MS2\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS2\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS2\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS2\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS2\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS2\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.MS3\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS3\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS3\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS3\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS3\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS3\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.MS4\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS4\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS4\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS4\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS4\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS4\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.IV\_01\_Date\_of\_programme\_paused

,r.IV\_01\_Date\_of\_programme\_unpaused

,r.IV\_02\_Date\_of\_programme\_paused

,r.IV\_02\_Date\_of\_programme\_unpaused

,r.IV\_03\_Date\_of\_programme\_paused

,r.IV\_03\_Date\_of\_programme\_unpaused

,r.IV\_04\_Date\_of\_programme\_paused

,r.IV\_04\_Date\_of\_programme\_unpaused

,r.IV\_05\_Date\_of\_programme\_paused

,r.IV\_05\_Date\_of\_programme\_unpaused

,r.IV\_06\_Date\_of\_programme\_paused

,r.IV\_06\_Date\_of\_programme\_unpaused

,r.IV\_07\_Date\_of\_programme\_paused

,r.IV\_07\_Date\_of\_programme\_unpaused

,r.IV\_08\_Date\_of\_programme\_paused

,r.IV\_08\_Date\_of\_programme\_unpaused

,r.IV\_09\_Date\_of\_programme\_paused

,r.IV\_09\_Date\_of\_programme\_unpaused

,r.IV\_10\_Date\_of\_programme\_paused

,r.IV\_10\_Date\_of\_programme\_unpaused

,r.IV\_11\_Date\_of\_programme\_paused

,r.IV\_11\_Date\_of\_programme\_unpaused

,r.IV\_12\_Date\_of\_programme\_paused

,r.IV\_12\_Date\_of\_programme\_unpaused

,r.IV\_13\_Date\_of\_programme\_paused

,r.IV\_13\_Date\_of\_programme\_unpaused

,r.Previous\_GDM\_diagnosis

,r.Risk\_Score

,r.Reason\_For\_Discharge

,Number\_of\_digital\_IVs\_attended -- DB changed 20/12/2022, added this column to show in output

,r.[Date\_Of\_Transfer\_Out]

,r.[Pathway]

INTO [NHSE\_PSDM\_0007].[temp].[Query1\_CTE]

-- End of variables

FROM [dbo].[NDPP\_tmaintable] AS m

LEFT OUTER JOIN [dbo].[NDPP\_Raw\_Data\_SQL\_Format] AS r ON m.Record\_Load\_GUID = r.Record\_Load\_GUID

LEFT OUTER JOIN [ref].[IMD\_scores\_Test] AS imd ON imd.LSOA\_Code = m.Postcode\_LSOA COLLATE DATABASE\_DEFAULT

LEFT OUTER JOIN ref.rtEthnicity AS e ON e.[Ethnicity\_Desc] = m.[Ethnicity\_Desc]

LEFT OUTER JOIN ref.rtsex AS sex ON sex.sex = m.Sex

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS interventions ON interventions.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i00 ON i00.SessionNumber = 0 AND i00.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i01 ON i01.SessionNumber = 1 AND i01.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i02 ON i02.SessionNumber = 2 AND i02.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i03 ON i03.SessionNumber = 3 AND i03.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i04 ON i04.SessionNumber = 4 AND i04.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i05 ON i05.SessionNumber = 5 AND i05.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i06 ON i06.SessionNumber = 6 AND i06.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i07 ON i07.SessionNumber = 7 AND i07.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i08 ON i08.SessionNumber = 8 AND i08.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i09 ON i09.SessionNumber = 9 AND i09.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i10 ON i10.SessionNumber = 10 AND i10.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i11 ON i11.SessionNumber = 11 AND i11.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i12 ON i12.SessionNumber = 12 AND i12.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i13 ON i13.SessionNumber = 13 AND i13.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i14 ON i14.SessionNumber = 14 AND i14.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i15 ON i15.SessionNumber = 15 AND i15.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i16 ON i16.SessionNumber = 16 AND i16.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i17 ON i17.SessionNumber = 17 AND i17.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [dbo].[NDPP\_tInterventionSessions] AS i18 ON i18.SessionNumber = 18 AND i18.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Completion\_Time\_CTE] as CT ON CT.Record\_Load\_GUID = M.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Completion\_time3\_CTE] as CT3 on CT3.Provider\_Name = M.Provider\_Name

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[ReportDate\_CTE] AS RD ON RD.Record\_Load\_GUID = m.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[SessionsSummary\_TT] AS iss ON iss.Record\_Load\_GUID =m.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Date\_reached] AS DR ON DR.Record\_Load\_GUID =m.Record\_Load\_GUID

LEFT OUTER JOIN ref.[RT\_Wave\_Tranche] AS Wave ON m.Call\_Off\_Contract\_Site\_Name = Wave.[Site\_based\_on\_MDS]

LEFT OUTER JOIN [NHSE\_Reference].[dbo].[tbl\_Ref\_ODS\_GPPractice] AS PracticeList ON PracticeList.[GP\_Practice\_Code] = m.Registered\_Practice\_Code

;

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reached\_IV\_session\_type\_CTE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DB CHANGED 10/10/2022

-- Create table and column with the TYPE of session that took place at the earliest attended session

WITH Reached\_IV\_session\_type as(

SELECT \*,

ROW\_NUMBER() OVER (PARTITION BY Record\_Load\_GUID order by Date\_of\_session asc, sessionnumber asc, Type\_Of\_Session ) AS ROW\_NUM

FROM [NHSE\_PSDM\_0007].[dbo].[NDPP\_tInterventionSessions]

WHERE Record\_Of\_Attendance = 1 and sessionnumber>=1

)

SELECT Record\_Load\_GUID, Date\_of\_session, sessionnumber, Type\_Of\_Session AS [Reached\_IV\_session\_type]

INTO [NHSE\_PSDM\_0007].[temp].[Reached\_IV\_session\_type]

FROM Reached\_IV\_session\_type

WHERE ROW\_NUM = 1;

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CohortQuery\_CTE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

/\*

CohortQuery is the query that is causing the following error to show up.

\*/

SELECT

Q1.Cohort\_ID,

(CASE WHEN

SUM(CASE WHEN Participant\_reached\_last\_session='Y'

AND Reached\_IV1 = 'Y'

THEN 1 ELSE 0 END)>=1 THEN 'Y'

ELSE 'N' END) AS Cohort\_reached\_last\_session,

SUM(CASE WHEN Record\_Load\_GUID IS NOT NULL THEN 1 ELSE 0 END) AS Cohort\_Count,

--8J068 ICS/pulse

MIN(CASE WHEN Provider\_Name = 'ICS' and Last\_Session\_Num\_possible = 13

THEN Date\_of\_LastPossibleSession ELSE NULL END) AS Pulse\_MIN\_Date\_13th\_Session,

SUM(AR\_Comp\_noncomp\_filledin) AS Comp\_noncomp\_filledin\_Cohort

INTO [NHSE\_PSDM\_0007].[temp].[CohortQuery\_CTE]

FROM [NHSE\_PSDM\_0007].[temp].[Query1\_CTE] AS Q1

GROUP BY Q1.Cohort\_ID

;

/\*

Participant\_reached\_last\_session - Checks whether participants have reached a specific session number based on the provider name. For Reed, this is session 18 and for other providers this is session 13.

Cohort\_ID - self explanatory

Completed\_attend\_60\_Perc - Checks whether percentage\_completed is 60%. Percentage completed divides the lastAttendedSessionNumber by 18 for Reed, and by 13 for other providers.

Cohort\_reached\_last\_session - Checks whether any participant with the same cohort\_ID has a "Y" in the Participant\_reached\_last\_session column. This is based on whether they have reached session 18 for Reed or session 13 for other providers.

\*/

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_QUERY2\_CTE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--

SELECT

Q1.Record\_Load\_GUID,

Q1.Cohort\_ID AS Cohort\_ID,

(CASE

WHEN BMI\_at\_IA BETWEEN 0 AND 17 THEN 'Exclude - Probably data entry error as BMI under 18'

WHEN BMI\_at\_IA BETWEEN 18 AND 24 THEN '18-24'

WHEN BMI\_at\_IA BETWEEN 25 AND 29 THEN '25-29'

WHEN BMI\_at\_IA BETWEEN 30 AND 34 THEN '30-34'

WHEN BMI\_at\_IA BETWEEN 35 AND 39 THEN '35-39'

WHEN BMI\_at\_IA BETWEEN 40 AND 44 THEN '40-44'

WHEN BMI\_at\_IA BETWEEN 45 AND 74 THEN '45-74'

WHEN BMI\_at\_IA BETWEEN 75 AND 31260 THEN 'Exclude - Possibly data entry error as BMI over 75'

ELSE NULL END) AS BMI\_band,

-- Condition BMI status, based on ethnicity and weight

(CASE

--South Asian = H,J and k

--L and R can be removed if you only want south asian

WHEN Ethnic\_Code IN ('H','J','K', 'L', 'R')

THEN

(CASE

WHEN BMI\_at\_IA >= 12 AND BMI\_at\_IA < 18.5 THEN 'Underweight'

WHEN BMI\_at\_IA >= 18.5 AND BMI\_at\_IA < 23.5 THEN 'Healthy'

WHEN BMI\_at\_IA >= 23.5 AND BMI\_at\_IA < 27.5 THEN 'Overweight'

WHEN BMI\_at\_IA >= 27.5 AND BMI\_at\_IA<=90 THEN 'Obese'

WHEN BMI\_at\_IA <12 OR BMI\_at\_IA > 90 THEN 'Error'

ELSE NULL END)

ELSE

(CASE

WHEN BMI\_at\_IA >= 12 AND BMI\_at\_IA < 18.5 THEN 'Underweight'

WHEN BMI\_at\_IA >= 18.5 AND BMI\_at\_IA < 25 THEN 'Healthy'

WHEN BMI\_at\_IA >= 25 AND BMI\_at\_IA < 30 THEN 'Overweight'

WHEN BMI\_at\_IA >= 30 AND BMI\_at\_IA<=90 THEN 'Obese'

WHEN BMI\_at\_IA <12 OR BMI\_at\_IA > 90 THEN 'Error'

ELSE NULL END)

END) AS BMI\_Group\_at\_IA,

-- Conditional BMI status, based on ethnicity and intervention 1 weight

(CASE

--South Asian = H,J and k

--L and R can be removed if you only want south asian

WHEN Ethnic\_Code IN ('H','J','K', 'L', 'R')

THEN

(CASE

WHEN BMI\_at\_IV1 >= 12 AND BMI\_at\_IV1 < 18.5 THEN 'Underweight'

WHEN BMI\_at\_IV1 >= 18.5 AND BMI\_at\_IV1 < 23.5 THEN 'Healthy'

WHEN BMI\_at\_IV1 >= 23.5 AND BMI\_at\_IV1 < 27.5 THEN 'Overweight'

WHEN BMI\_at\_IV1 >= 27.5 AND BMI\_at\_IV1<=90 THEN 'Obese'

WHEN BMI\_at\_IV1 <12 OR BMI\_at\_IV1 > 90 THEN 'Error'

ELSE NULL END)

ELSE

(CASE

WHEN BMI\_at\_IV1 >= 12 AND BMI\_at\_IV1 < 18.5 THEN 'Underweight'

WHEN BMI\_at\_IV1 >= 18.5 AND BMI\_at\_IV1 < 25 THEN 'Healthy'

WHEN BMI\_at\_IV1 >= 25 AND BMI\_at\_IV1 < 30 THEN 'Overweight'

WHEN BMI\_at\_IV1 >= 30 AND BMI\_at\_IV1<=90 THEN 'Obese'

WHEN BMI\_at\_IV1 <12 OR BMI\_at\_IV1 > 90 THEN 'Error'

ELSE NULL END)

END) AS BMI\_Group\_at\_IV1

--Amended Date\_Of\_Referral\_Receipt from 1393 - 1412, to be r.date\_Of\_Referral\_Receipt by Shaun 23/03/2022

,(CASE

WHEN MONTH(r.[Date\_Of\_Referral\_Receipt]) = 4

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 5

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 6

THEN CONCAT(FORMAT(r.Date\_Of\_Referral\_Receipt,'yy'),'/', FORMAT(DATEADD(year, 1, r.Date\_Of\_Referral\_Receipt),'yy'), ' Q1')

WHEN MONTH(r.[Date\_Of\_Referral\_Receipt]) = 7

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 8

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 9

THEN CONCAT(FORMAT(r.Date\_Of\_Referral\_Receipt,'yy'),'/', FORMAT(DATEADD(year, 1, r.Date\_Of\_Referral\_Receipt),'yy'), ' Q2')

WHEN MONTH(r.[Date\_Of\_Referral\_Receipt]) = 10

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 11

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 12

THEN CONCAT(FORMAT(r.Date\_Of\_Referral\_Receipt,'yy'),'/', FORMAT(DATEADD(year, 1, r.Date\_Of\_Referral\_Receipt),'yy'), ' Q3')

WHEN MONTH(r.[Date\_Of\_Referral\_Receipt]) = 1

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 2

OR MONTH(r.[Date\_Of\_Referral\_Receipt]) = 3

THEN CONCAT(FORMAT(DATEADD(year, -1, r.Date\_Of\_Referral\_Receipt),'yy'),'/', FORMAT(r.Date\_Of\_Referral\_Receipt,'yy'), ' Q4')

ELSE NULL END) AS [FY\_Quarter\_of\_Referral],

--Amended IV\_01\_Weight\_Measurement from 1418 - 1419, to be r.IV\_01\_Weight\_Measurement by Shaun 23/03/2022

(Last\_weight\_recorded-r.IV\_01\_Weight\_Measurement)AS Weight\_loss\_to\_date,

(r.IV\_01\_Weight\_Measurement-Last\_weight\_recorded)AS Weight\_loss\_QA,

(CASE

WHEN Q1.CCG\_Code IS NOT NULL AND Q1.CCG\_Code = CCG\_Map.[ALL\_CCG\_CODES]

THEN CCG\_Map.[CCG\_22\_CD]

ELSE 'No CCG Match' END) AS Geographical\_Region,

(CASE WHEN Q1.Percentage\_completed >=0.6 THEN 1 ELSE 0 END) AS Completed\_attend\_60\_Perc,

(CASE

WHEN Date\_of\_IV1 IS NULL THEN NULL

WHEN Q1.Days\_from\_IV1\_to\_end < Q1.Tenth\_percentile\_to\_complete THEN 'N'

ELSE Q3.Cohort\_reached\_last\_session

END) AS Cohort\_reached\_last\_Time\_checked,

(CASE WHEN Date\_of\_IV1 IS NOT NULL THEN Q3.Pulse\_MIN\_Date\_13th\_Session

ELSE NULL END) AS Pulse\_MIN\_Date\_13th\_Session,

(CASE WHEN

Q1.Days\_from\_IV1\_to\_end > Q1.Observed\_time\_to\_complete

THEN 'Y'

WHEN

Q1.Days\_from\_IV1\_to\_end <= Q1.Observed\_time\_to\_complete

THEN 'N'

ELSE 'NULL'

END) AS AU\_Completed\_based\_on\_time,

-- Participants are flagged with "Y" where any session was attending wihtin the last 3 months, except where that session was the final session.

(CASE

WHEN Q1.Date\_of\_LastAttendedSession\_XIA > CAST(DATEADD(day,-90, End\_of\_reporting\_period\_cut\_off\_point) AS date)

THEN 'Y'

ELSE 'N'

END) AS ParticipantAttendedLast3Months

-- FE added 01/03/2022 for digi weights derivations

, CASE WHEN Reached\_IV1 = 'N' then 'Not reached IV'

WHEN

(r.IV\_02\_Date\_Of\_Session IS NOT NULL OR r.Digital\_DPP\_Date\_Of\_Registration IS NOT NULL )

AND r.Accepted\_Digital\_DPP\_Option = 'Y' AND

( r.[IV\_02\_Record\_Of\_Attendance] = 1

OR r.[IV\_03\_Record\_Of\_Attendance]= 1

OR r.[IV\_04\_Record\_Of\_Attendance]= 1

OR r.[IV\_05\_Record\_Of\_Attendance]= 1

OR r.[IV\_06\_Record\_Of\_Attendance]= 1

OR r.[IV\_07\_Record\_Of\_Attendance]= 1

OR r.[IV\_08\_Record\_Of\_Attendance]= 1

OR r.[IV\_09\_Record\_Of\_Attendance]= 1

OR r.[IV\_10\_Record\_Of\_Attendance]= 1

OR r.[IV\_11\_Record\_Of\_Attendance]= 1 )

-- added

AND ( r.[IV\_02\_Type\_Of\_Session] = '4'

OR r.[IV\_03\_Type\_Of\_Session]= '4'

OR r.[IV\_04\_Type\_of\_Session]= '4'

OR r.[IV\_05\_Type\_of\_Session]= '4'

OR r.[IV\_06\_Type\_of\_Session]= '4'

OR r.[IV\_07\_Type\_of\_Session]= '4'

OR r.[IV\_08\_Type\_of\_Session]= '4'

OR r.[IV\_09\_Type\_of\_Session]= '4'

OR r.[IV\_10\_Type\_of\_Session]= '4'

OR r.[IV\_11\_Type\_of\_Session]= '4' )

THEN 'Digital'

-- ADDING OPTION FOR TAILORED REMOTE - DB CHANGED 10/10/2022

WHEN

(r.[IV\_01\_Record\_Of\_Attendance] = 1

OR r.[IV\_02\_Record\_Of\_Attendance] = 1

OR r.[IV\_03\_Record\_Of\_Attendance]= 1

OR r.[IV\_04\_Record\_Of\_Attendance]= 1

OR r.[IV\_05\_Record\_Of\_Attendance]= 1

OR r.[IV\_06\_Record\_Of\_Attendance]= 1

OR r.[IV\_07\_Record\_Of\_Attendance]= 1

OR r.[IV\_08\_Record\_Of\_Attendance]= 1

OR r.[IV\_09\_Record\_Of\_Attendance]= 1

OR r.[IV\_10\_Record\_Of\_Attendance]= 1

OR r.[IV\_11\_Record\_Of\_Attendance]= 1

OR r.[IV\_12\_Record\_Of\_Attendance]= 1

OR r.[IV\_13\_Record\_Of\_Attendance]= 1)

-- added

AND (r.[IV\_01\_Type\_Of\_Session] Like '%6%'

OR r.[IV\_02\_Type\_Of\_Session] Like '%6%'

OR r.[IV\_03\_Type\_Of\_Session] Like '%6%'

OR r.[IV\_04\_Type\_of\_Session] Like '%6%'

OR r.[IV\_05\_Type\_of\_Session] Like '%6%'

OR r.[IV\_06\_Type\_of\_Session] Like '%6%'

OR r.[IV\_07\_Type\_of\_Session] Like '%6%'

OR r.[IV\_08\_Type\_of\_Session] Like '%6%'

OR r.[IV\_09\_Type\_of\_Session] Like '%6%'

OR r.[IV\_10\_Type\_of\_Session] Like '%6%'

OR r.[IV\_11\_Type\_of\_Session] Like '%6%'

OR r.[IV\_12\_Type\_of\_Session] Like '%6%'

OR r.[IV\_13\_Type\_of\_Session] Like '%6%' )

THEN 'Tailored Remote' ELSE 'Face to Face' END AS Delivery\_Mode\_New\_Derived\_pre\_Apr\_23 -- DB changed 19/06/2023 - updated this as F3 mds doesn't have acceptance field

, CASE WHEN Reached\_IV1 = 'N' then 'Not reached IV'

WHEN

(r.IV\_02\_Date\_Of\_Session IS NOT NULL OR r.Digital\_DPP\_Date\_Of\_Registration IS NOT NULL )

AND

( r.[IV\_02\_Record\_Of\_Attendance] = 1

OR r.[IV\_03\_Record\_Of\_Attendance]= 1

OR r.[IV\_04\_Record\_Of\_Attendance]= 1

OR r.[IV\_05\_Record\_Of\_Attendance]= 1

OR r.[IV\_06\_Record\_Of\_Attendance]= 1

OR r.[IV\_07\_Record\_Of\_Attendance]= 1

OR r.[IV\_08\_Record\_Of\_Attendance]= 1

OR r.[IV\_09\_Record\_Of\_Attendance]= 1

OR r.[IV\_10\_Record\_Of\_Attendance]= 1

OR r.[IV\_11\_Record\_Of\_Attendance]= 1 )

-- added

AND ( r.[IV\_02\_Type\_Of\_Session] = '4'

OR r.[IV\_03\_Type\_Of\_Session]= '4'

OR r.[IV\_04\_Type\_of\_Session]= '4'

OR r.[IV\_05\_Type\_of\_Session]= '4'

OR r.[IV\_06\_Type\_of\_Session]= '4'

OR r.[IV\_07\_Type\_of\_Session]= '4'

OR r.[IV\_08\_Type\_of\_Session]= '4'

OR r.[IV\_09\_Type\_of\_Session]= '4'

OR r.[IV\_10\_Type\_of\_Session]= '4'

OR r.[IV\_11\_Type\_of\_Session]= '4' )

THEN 'Digital'

-- ADDING OPTION FOR TAILORED REMOTE - DB CHANGED 10/10/2022

WHEN

(r.[IV\_01\_Record\_Of\_Attendance] = 1

OR r.[IV\_02\_Record\_Of\_Attendance] = 1

OR r.[IV\_03\_Record\_Of\_Attendance]= 1

OR r.[IV\_04\_Record\_Of\_Attendance]= 1

OR r.[IV\_05\_Record\_Of\_Attendance]= 1

OR r.[IV\_06\_Record\_Of\_Attendance]= 1

OR r.[IV\_07\_Record\_Of\_Attendance]= 1

OR r.[IV\_08\_Record\_Of\_Attendance]= 1

OR r.[IV\_09\_Record\_Of\_Attendance]= 1

OR r.[IV\_10\_Record\_Of\_Attendance]= 1

OR r.[IV\_11\_Record\_Of\_Attendance]= 1

OR r.[IV\_12\_Record\_Of\_Attendance]= 1

OR r.[IV\_13\_Record\_Of\_Attendance]= 1)

-- added

AND (r.[IV\_01\_Type\_Of\_Session] Like '%6%'

OR r.[IV\_02\_Type\_Of\_Session] Like '%6%'

OR r.[IV\_03\_Type\_Of\_Session] Like '%6%'

OR r.[IV\_04\_Type\_of\_Session] Like '%6%'

OR r.[IV\_05\_Type\_of\_Session] Like '%6%'

OR r.[IV\_06\_Type\_of\_Session] Like '%6%'

OR r.[IV\_07\_Type\_of\_Session] Like '%6%'

OR r.[IV\_08\_Type\_of\_Session] Like '%6%'

OR r.[IV\_09\_Type\_of\_Session] Like '%6%'

OR r.[IV\_10\_Type\_of\_Session] Like '%6%'

OR r.[IV\_11\_Type\_of\_Session] Like '%6%'

OR r.[IV\_12\_Type\_of\_Session] Like '%6%'

OR r.[IV\_13\_Type\_of\_Session] Like '%6%' )

THEN 'Tailored Remote' ELSE 'Face to Face' END AS Delivery\_Mode\_New\_Derived -- DB changed 19/06/2023 - updated this as F3 mds doesn't have acceptance field

-- FLAG FLAG FLAG FLAG FLAG FLAG

INTO [NHSE\_PSDM\_0007].[temp].[Query2\_CTE]

FROM [NHSE\_PSDM\_0007].[temp].[Query1\_CTE] AS Q1

LEFT JOIN [NHSE\_PSDM\_0007].[dbo].[NDPP\_Raw\_Data\_SQL\_Format] AS r on Q1.record\_load\_guid = r.record\_load\_guid

LEFT OUTER JOIN

-- this reshapes the rt\_CCG\_Lookups table to show only 1 old CCG code rather than the duplicates caused by site

(SELECT

[ALL\_CCG\_CODES]

,[CCG\_22\_CD]

FROM [NHSE\_PSDM\_0007].[ref].[rt\_CCG\_Lookups]

group by [ALL\_CCG\_CODES],[CCG\_22\_CD]) as CCG\_map ON Q1.CCG\_Code = CCG\_Map.[ALL\_CCG\_CODES]

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[CohortQuery\_CTE] AS Q3 ON Q3.Cohort\_ID = Q1.Cohort\_ID

;

-- Pulse Query - 13th session

SELECT

Q1.Record\_Load\_GUID,

Q2.Pulse\_MIN\_Date\_13th\_Session,

(CASE

WHEN Q2.Pulse\_MIN\_Date\_13th\_Session IS NOT NULL

AND Q2.Pulse\_MIN\_Date\_13th\_Session <= CAST(DATEADD(DAY, -90, End\_of\_reporting\_period\_cut\_off\_point) AS date)

THEN 'Y'

WHEN Q2.Pulse\_MIN\_Date\_13th\_Session IS NOT NULL

AND Q2.Pulse\_MIN\_Date\_13th\_Session > CAST(DATEADD(DAY, -90, End\_of\_reporting\_period\_cut\_off\_point)AS date)

THEN 'N'

ELSE 'NULL'

END) AS Pulse\_Min\_3Months\_to\_end

INTO [NHSE\_PSDM\_0007].[temp].[Pulse\_Query\_CTE]

FROM [NHSE\_PSDM\_0007].[temp].[Query1\_CTE] AS Q1

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Query2\_CTE] AS Q2 ON Q2.Record\_Load\_GUID = Q1.Record\_Load\_GUID;

--Cohort\_attendance

SELECT

Cohort\_ID,

SUM(CASE WHEN ParticipantAttendedLast3Months = 'Y' THEN 1 ELSe 0 END) AS SUM\_attendance3months

INTO [NHSE\_PSDM\_0007].[temp].[Cohort\_attendance]

FROM [NHSE\_PSDM\_0007].[temp].[Query2\_CTE] AS Q2

GROUP BY Cohort\_ID

;

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Inclusion\_Filter CTE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SELECT

Q1.Record\_Load\_GUID,

(CASE WHEN

Provider\_Name = 'ICS' AND

Cohort\_reached\_last\_session = 'Y' AND

Cohort\_reached\_last\_time\_checked = 'Y' AND

Pulse\_Min\_3months\_to\_end = 'Y'

THEN 'Y'

WHEN

Provider\_Name <> 'ICS' AND

Cohort\_reached\_last\_session = 'Y' AND

Cohort\_reached\_last\_time\_checked = 'Y'

THEN 'Y'

ELSE 'N'

END) AS AQ\_CohortTimePulse\_LastSession,

(CASE WHEN Q3.Comp\_noncomp\_filledin\_Cohort = Q3.Cohort\_Count

THEN 'Y'

ELSE 'N'

END) AS AS\_Comp\_noncomp\_filledin\_ALLCOHORT,

-- Cohorts are flagged with "Y" where any session was attended by any participant within the last 3 months, except where any participant attended the final session.

(CASE WHEN

AU\_Completed\_based\_on\_time = 'Y' AND

Q5.SUM\_attendance3months >=1 THEN 'Y'

WHEN

AU\_Completed\_based\_on\_time = 'Y'

AND Q5.SUM\_attendance3months =0 THEN 'N'

ELSE 'Null' END) AS Cohort\_attends\_3months,

/\* In Cohort\_attends\_3months the main consideration is completion based on time.

If a participant reaches the final session, but the cohort has not had sufficient time to reach the final session

Then it is not counted. If a participant has had sufficient time to reach the final session, then regardless of whether

the cohort has actually reached the final session, it would be counted in the above

\*/

(CASE

WHEN

AU\_Completed\_based\_on\_time = 'Y'

THEN 'Y'

WHEN AU\_Completed\_based\_on\_time = 'N'

THEN NULL

ELSE NULL END) AS Completed\_based\_on\_time

INTO [NHSE\_PSDM\_0007].[temp].[Inclusion\_Filter]

FROM [NHSE\_PSDM\_0007].[temp].[Query1\_CTE] AS Q1

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Query2\_CTE] AS Q2 ON Q2.Record\_Load\_GUID = Q1.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[CohortQuery\_CTE] AS Q3 ON Q3.Cohort\_ID = Q1.Cohort\_ID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Pulse\_Query\_CTE] AS Q4 ON Q4.Record\_Load\_GUID = Q1.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Cohort\_attendance] AS Q5 ON Q5.Cohort\_ID = Q1.Cohort\_ID

;

-- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ END OF CTEs:SELECT QUERY TO DISPLAY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SELECT

Q1.Record\_Load\_GUID,

Provider\_Name,

q1.Unique\_Referral\_ID,

q1.Source\_of\_Referral,

[Month\_and\_Year\_of\_Referral],

FY\_Quarter\_of\_Referral,

Q1.Month\_of\_Referral,

Q1.[Financial\_Quarter],

Q1.[Financial\_year],

Quintile\_LSOA,

q1.Age\_At\_Referral,

Age\_Group,

Age\_Group\_in\_5\_year\_bands,

GenderDescription,

Ethnicity\_Desc,

Ethnic\_Group,

refined\_Ethnicity,

Broad\_Ethnicity AS [BAME\_Ethnicity],

Height AS [Height\_Clean],

Referral\_Weight,

IA\_Weight AS [IA\_Weight\_Clean],

BMI\_at\_IA,

BMI\_Group\_at\_IA,

q1.IV\_01\_Weight\_Measurement,

BMI\_at\_IV1,

BMI\_Group\_at\_IV1,

Weight\_diff\_IA\_vs\_IV1,

q1.Date\_Of\_Referral\_Receipt,

Q1.Date\_of\_LastAttendedSession,

LastAttendedSessionNumber,

Last\_Session\_Num\_possible,

Attended\_XIA,

q1.Date\_Of\_Discharge,

GP\_PracticeCode\_or\_referrer\_code\_if\_blank,

End\_of\_reporting\_period\_cut\_off\_point,

CCG\_code as [CCG\_Code\_from\_GP\_Practice],

CCG\_Name as [CCG\_Name\_from\_GP\_Practice],

Q1.[Call\_Off\_contract\_Number],

Call\_Off\_Contract\_Site\_Name,

[Launch\_year\_reporting\_name],

[NHSE\_Contract\_Region],

[Key\_ccg\_code],

Participant\_reached\_last\_session,

Percentage\_completed,

Date\_Difference\_IV1\_to\_Last,

Date\_Of\_IA,

Date\_of\_IV1,

Observed\_time\_to\_complete,

Days\_from\_IV1\_to\_end,

Tenth\_percentile\_to\_complete,

Q1.Wave\_and\_Tranche,

Weight\_loss\_to\_date,

-- FE editied latest weight for digital, maps digitals weigh ins to latest session where lastest session is not one with a weight recorded

CASE WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND wt.Earliest\_Weight\_by\_date IS NOT NULL AND wt.Earliest\_Weight\_by\_date <> 999 THEN WT.Earliest\_Weight\_by\_date

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No > 10 AND Min\_Date\_Session\_No\_digi <> 11 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No > 10 AND Min\_Date\_Session\_No\_digi = 11 THEN WT.Earliest\_Weight\_by\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (8, 9, 10) AND Min\_Date\_Session\_No\_digi <> 8 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (8, 9, 10) AND Min\_Date\_Session\_No\_digi = 8 THEN WT.Earliest\_Weight\_by\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (5, 6, 7) AND Min\_Date\_Session\_No\_digi <> 5 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (5, 6, 7) AND Min\_Date\_Session\_No\_digi = 5 THEN WT.Earliest\_Weight\_by\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (2, 3, 4) AND Min\_Date\_Session\_No\_digi <> 2 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (2, 3, 4) AND Min\_Date\_Session\_No\_digi = 2 THEN WT.Earliest\_Weight\_by\_date\_digi

ELSE WT.Earliest\_Weight\_by\_date END AS Earliest\_Weight\_by\_date,

CASE WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND wt.Earliest\_Weight\_by\_date IS NOT NULL AND wt.Earliest\_Weight\_by\_date <> 999 THEN WT.Earliest\_date

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No > 10 AND Min\_Date\_Session\_No\_digi <> 11 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No > 10 AND Min\_Date\_Session\_No\_digi = 11 THEN WT.Earliest\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (8, 9, 10) AND Min\_Date\_Session\_No\_digi <> 8 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (8, 9, 10) AND Min\_Date\_Session\_No\_digi = 8 THEN WT.Earliest\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (5, 6, 7) AND Min\_Date\_Session\_No\_digi <> 5 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (5, 6, 7) AND Min\_Date\_Session\_No\_digi = 5 THEN WT.Earliest\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (2, 3, 4) AND Min\_Date\_Session\_No\_digi <> 2 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (2, 3, 4) AND Min\_Date\_Session\_No\_digi = 2 THEN WT.Earliest\_date\_digi

ELSE WT.Earliest\_date END AS Earliest\_Weight\_by\_date\_DATE,

CASE WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND wt.Earliest\_Weight\_by\_date IS NOT NULL AND wt.Earliest\_Weight\_by\_date <> 999 THEN WT.[Date of weight measurement linked to earliest session attended]

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No > 10 AND Min\_Date\_Session\_No\_digi <> 11 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No > 10 AND Min\_Date\_Session\_No\_digi = 11 THEN WT.[Date of weight measurement linked to earliest session attended Digi]

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (8, 9, 10) AND Min\_Date\_Session\_No\_digi <> 8 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (8, 9, 10) AND Min\_Date\_Session\_No\_digi = 8 THEN WT.[Date of weight measurement linked to earliest session attended Digi]

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (5, 6, 7) AND Min\_Date\_Session\_No\_digi <> 5 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (5, 6, 7) AND Min\_Date\_Session\_No\_digi = 5 THEN WT.[Date of weight measurement linked to earliest session attended Digi]

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (2, 3, 4) AND Min\_Date\_Session\_No\_digi <> 2 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Min\_Date\_Session\_No IN (2, 3, 4) AND Min\_Date\_Session\_No\_digi = 2 THEN WT.[Date of weight measurement linked to earliest session attended Digi]

ELSE WT.Earliest\_date END AS [Date of weight measurement linked to earliest session attended],

CASE WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND wt.Latest\_weight\_by\_date IS NOT NULL AND wt.Latest\_weight\_by\_date <> 999 THEN WT.Latest\_weight\_by\_date

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No > 10 AND Max\_Date\_Session\_No\_digi <> 11 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No > 10 AND Max\_Date\_Session\_No\_digi = 11 THEN WT.Latest\_Weight\_by\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (8, 9, 10) AND Max\_Date\_Session\_No\_digi <> 8 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (8, 9, 10) AND Max\_Date\_Session\_No\_digi = 8 THEN WT.Latest\_Weight\_by\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (5, 6, 7) AND Max\_Date\_Session\_No\_digi <> 5 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (5, 6, 7) AND Max\_Date\_Session\_No\_digi = 5 THEN WT.Latest\_Weight\_by\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (2, 3, 4) AND Max\_Date\_Session\_No\_digi <> 2 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (2, 3, 4) AND Max\_Date\_Session\_No\_digi = 2 THEN WT.Latest\_Weight\_by\_date\_digi

ELSE WT.Latest\_Weight\_by\_date END AS Latest\_Weight\_by\_date,

CASE WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND wt.Latest\_weight\_by\_date IS NOT NULL AND wt.Latest\_weight\_by\_date <> 999 THEN WT.Latest\_date

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No > 10 AND Max\_Date\_Session\_No\_digi <> 11 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No > 10 AND Max\_Date\_Session\_No\_digi = 11 THEN WT.Latest\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (8, 9, 10) AND Max\_Date\_Session\_No\_digi <> 8 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (8, 9, 10) AND Max\_Date\_Session\_No\_digi = 8 THEN WT.Latest\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (5, 6, 7) AND Max\_Date\_Session\_No\_digi <> 5 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (5, 6, 7) AND Max\_Date\_Session\_No\_digi = 5 THEN WT.Latest\_date\_digi

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (2, 3, 4) AND Max\_Date\_Session\_No\_digi <> 2 THEN NULL

WHEN Q2.Delivery\_Mode\_New\_Derived = 'Digital' AND Max\_Date\_Session\_No IN (2, 3, 4) AND Max\_Date\_Session\_No\_digi = 2 THEN WT.Latest\_date\_digi

ELSE WT.Latest\_date END AS Latest\_Weight\_by\_date\_DATE

,wt.[Three\_mth\_session\_weight\_by\_date\_F2F]

,wt.[Three\_mth\_session\_date\_F2F]

,wt.Three\_mth\_session\_attendance\_code\_F2F -- DB CHANGED 14/07/2022 to get 3month weight attendance

,wt.Three\_mth\_session\_weight\_by\_date\_digi

,wt.Three\_mth\_session\_date\_digi

-- DB CHANGED 28/07/2022 adding 3-month weight columns in & adding validation of time window for digital

,CASE WHEN [Delivery\_Mode\_New\_Derived] IN ('Face to Face','Tailored Remote') -- DB CHANGED 23/01/2023 - added Tailored Remote

AND wt.[Three\_mth\_session\_attendance\_code\_F2F] = 1

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_F2F])>=55 -- DB CHANGED 10/08/2022

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_F2F])<=105 -- DB CHANGED 10/08/2022

THEN wt.[Three\_mth\_session\_weight\_by\_date\_F2F]

WHEN [Delivery\_Mode\_New\_Derived] = 'Digital'

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_digi])>=55

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_digi])<=105

AND ((IV\_02\_Record\_Of\_Attendance = 1 and IV\_05\_Record\_Of\_Attendance = 1

OR (wt.[Three\_mth\_session\_weight\_by\_date\_digi] <= 300

AND wt.[Three\_mth\_session\_weight\_by\_date\_digi] >=35

AND wt.[Three\_mth\_session\_weight\_by\_date\_digi] IS NOT NULL

AND IV\_02\_Record\_Of\_Attendance = 1

AND IV\_05\_Record\_Of\_Attendance != 1)

)) THEN wt.[Three\_mth\_session\_weight\_by\_date\_digi]

ELSE NULL END AS [Three\_mth\_session\_weight\_by\_date]

,CASE WHEN [Delivery\_Mode\_New\_Derived] IN ('Face to Face','Tailored Remote') -- DB CHANGED 23/01/2023 - added Tailored Remote

AND wt.[Three\_mth\_session\_attendance\_code\_F2F] = 1

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_F2F])>=55 -- DB CHANGED 10/08/2022

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_F2F])<=105 -- DB CHANGED 10/08/2022

THEN wt.[Three\_mth\_session\_date\_F2F]

WHEN [Delivery\_Mode\_New\_Derived] = 'Digital'

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_digi])>=55

AND DATEDIFF(DAY,Date\_reached\_IV, wt.[Three\_mth\_session\_date\_digi])<=105

AND ((IV\_02\_Record\_Of\_Attendance = 1 and IV\_05\_Record\_Of\_Attendance = 1

OR (wt.[Three\_mth\_session\_weight\_by\_date\_digi] <= 300

AND wt.[Three\_mth\_session\_weight\_by\_date\_digi] >=35

AND wt.[Three\_mth\_session\_weight\_by\_date\_digi] IS NOT NULL

AND IV\_02\_Record\_Of\_Attendance = 1

AND IV\_05\_Record\_Of\_Attendance != 1)

)) THEN wt.[Three\_mth\_session\_date\_digi] -- DB changed 22/07/2022 - amended to date rather than weight

ELSE NULL END AS [Three\_mth\_session\_date]

,q2.Delivery\_Mode\_New\_Derived\_pre\_Apr\_23 -- DB changed 19/06/2023 to keep a comparison column but could take this out in future months

,Q2.Delivery\_Mode\_New\_Derived

,Geographical\_Region as [Region\_from\_GP\_practice],

Completed\_attend\_60\_Perc,

Q1.Cohort\_ID,

Q3.Cohort\_Count,

Q1.Attended,

Q1.DidNotAttend,

Q2.Cohort\_reached\_last\_time\_checked,

AU\_Completed\_based\_on\_time AS [Completed\_based\_on\_time],

Reached\_IA,

Date\_Reached\_IA,

Reached\_IV1,

Date\_Reached\_IV,

(CASE WHEN q1.Call\_Off\_contract\_Number >= 190000 and q1.Call\_Off\_contract\_Number <= 199999 THEN 'Framework 2'

WHEN q1.Call\_Off\_contract\_Number >= 200000 and q1.Call\_Off\_contract\_Number <= 239999 THEN 'Framework 3' ELSE 'Framework 1' END) AS Framework, -- SS changed 19/06/2023

F2FAttended\_IV1\_or\_beyond,

DigitalAttends\_IV2\_or\_beyond,

IA\_ATT\_OR\_DNA,

F2F\_DNA\_IV1\_or\_beyond,

Digital\_DNA\_IV2\_or\_beyond,

-- DB changed 15/12/2022 - as everyone who is framework one and reached iv should be a finisher by now

CASE WHEN Framework = 'Framework 1' and Reached\_IV1 = 'Y' THEN 'Y' ELSE NULL END AS Finishers\_F1

-- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE -- ADD NEW COLUMNS HERE

,q1.Der\_Pseudo\_NHS\_Number -- DB Changed 07/07/2022

,[Reached\_IV\_session\_type] -- DB Changed 10/10/2022

-- Framework 3 additions

,r.[GP\_Consent]

,r.[Date\_chosen\_to\_defer\_starting\_programme]

,r.[Date\_of\_Acceptance\_to\_take\_part\_in\_programme]

,r.[Date\_GP\_notified\_of\_individual\_confirmation]

,r.MS1\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS1\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS1\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS1\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS1\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS1\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.MS2\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS2\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS2\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS2\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS2\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS2\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.MS3\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS3\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS3\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS3\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS3\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS3\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.MS4\_Digital\_Engagement\_Primary\_1\_Communication\_with\_health\_coach

,r.MS4\_Digital\_Engagement\_Primary\_2\_Accessing\_Educational\_Content

,r.MS4\_Digital\_Engagement\_Secondary\_1\_Tracking\_Events

,r.MS4\_Digital\_Engagement\_Secondary\_2\_Peer\_support

,r.MS4\_Digital\_Engagement\_Secondary\_3\_Interactive\_tool

,r.MS4\_Digital\_Engagement\_Secondary\_4\_Time\_spent\_on\_App

,r.IV\_01\_Date\_of\_programme\_paused

,r.IV\_01\_Date\_of\_programme\_unpaused

,r.IV\_02\_Date\_of\_programme\_paused

,r.IV\_02\_Date\_of\_programme\_unpaused

,r.IV\_03\_Date\_of\_programme\_paused

,r.IV\_03\_Date\_of\_programme\_unpaused

,r.IV\_04\_Date\_of\_programme\_paused

,r.IV\_04\_Date\_of\_programme\_unpaused

,r.IV\_05\_Date\_of\_programme\_paused

,r.IV\_05\_Date\_of\_programme\_unpaused

,r.IV\_06\_Date\_of\_programme\_paused

,r.IV\_06\_Date\_of\_programme\_unpaused

,r.IV\_07\_Date\_of\_programme\_paused

,r.IV\_07\_Date\_of\_programme\_unpaused

,r.IV\_08\_Date\_of\_programme\_paused

,r.IV\_08\_Date\_of\_programme\_unpaused

,r.IV\_09\_Date\_of\_programme\_paused

,r.IV\_09\_Date\_of\_programme\_unpaused

,r.IV\_10\_Date\_of\_programme\_paused

,r.IV\_10\_Date\_of\_programme\_unpaused

,r.IV\_11\_Date\_of\_programme\_paused

,r.IV\_11\_Date\_of\_programme\_unpaused

,r.IV\_12\_Date\_of\_programme\_paused

,r.IV\_12\_Date\_of\_programme\_unpaused

,r.IV\_13\_Date\_of\_programme\_paused

,r.IV\_13\_Date\_of\_programme\_unpaused

,r.Previous\_GDM\_diagnosis

,r.Risk\_Score

,r.Reason\_For\_Discharge

,q1.Number\_of\_digital\_IVs\_attended -- DB changed 20/12/2022 - added to show in output

-- framework 3 June 2023 additions

,r.[Date\_Of\_Transfer\_Out]

,r.[Pathway]

INTO [dbo].[NDPP\_tDerived\_Fields]

FROM [NHSE\_PSDM\_0007].[temp].[Query1\_CTE] AS Q1

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Query2\_CTE] AS Q2 ON Q2.Record\_Load\_GUID = Q1.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[CohortQuery\_CTE] AS Q3 ON Q3.Cohort\_ID = Q1.Cohort\_ID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Pulse\_Query\_CTE] AS Q4 ON Q4.Record\_Load\_GUID = Q1.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Cohort\_attendance] AS Q5 ON Q5.Cohort\_ID = Q1.Cohort\_ID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Inclusion\_Filter] AS IF\_CTE ON IF\_CTE.Record\_Load\_GUID=Q1.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Weight\_CTE] AS WT ON WT.Record\_Load\_GUID = Q1.Record\_Load\_GUID

LEFT OUTER JOIN [ref].[rt\_Launch\_yr\_Contract\_Region\_key\_CCG] AS L ON Q1.Call\_Off\_contract\_Number = L.Call\_Off\_Contract\_Number

LEFT OUTER JOIN [dbo].[NDPP\_Raw\_Data\_SQL\_Format] AS r on Q1.Record\_Load\_GUID = R.Record\_Load\_GUID

LEFT OUTER JOIN [NHSE\_PSDM\_0007].[temp].[Reached\_IV\_session\_type] AS t ON q1.Record\_Load\_GUID = t.Record\_Load\_GUID -- DB Changed 10/10/2022

;

-- DROP ALL TEMP TABLES IN THIS STORED PROCEDURE IF THEY EXIST

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[ReportDate\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[SessionsSummary\_TT]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Completion\_Time\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Completion\_Time3\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_latest\_digi\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_a]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_earliest\_digi\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Three\_month\_weights\_F2F]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Three\_month\_closest\_weight\_to\_90\_days\_F2F]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[cte\_three\_mth\_digi\_b]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Weight\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Date\_reached]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Query1\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Reached\_IV\_session\_type]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[CohortQuery\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Query2\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Pulse\_Query\_CTE]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Cohort\_attendance]

DROP TABLE IF EXISTS [NHSE\_PSDM\_0007].[temp].[Inclusion\_Filter]

GO