/\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 \* CLEAN DATA \*

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*/

DROP TABLE #EverDead

SELECT ID, MAX(Alive) as EverDead

INTO #EverDead

FROM [dbo].[Data]

GROUP BY ID

-- (265530 unique individuals)

-- Calcualte if dead in 6 months from assessment

DROP TABLE [dbo].[Concatenate], #Concatenate

SELECT [dbo].[data].ID, AssessmentID, DayLast AS [Days], Cast(Age as float) as Age

-- Alive in 6 months if never dead or dead after 180 days

 , CASE WHEN EverDead=0 THEN 0.

 WHEN EverDead=1 and Daylast > 0 and cast(DayLast as Float)<=180 THEN 1.

 WHEN EverDead=1 and DayLast> 0 and cast(DayLast as Float)>180 THEN 0.

 ELSE Null -- no 6 months outcomes are available on last assessment

 END AS Dead

INTO #Concatenate

FROM [dbo].[Data] inner join #EverDead ON [dbo].[Data].ID=#EverDead.ID

WHERE Age>19 and DayLast>0 -- drop negative age and last assessment

Go