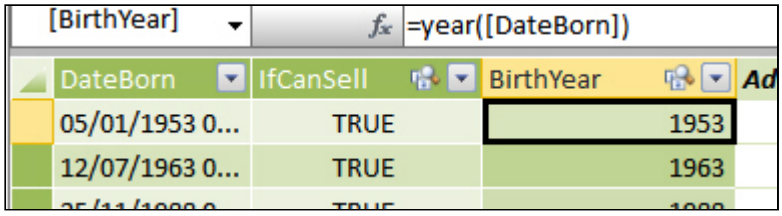
The aim of this exercise is to produce the following pivot table:

Number of staff	Column Labels		
Row Labels	Non-sales	Sales staff	Grand Total
Just plain old	2	155	157
Not so springy	12	1710	1722
Spring chicken		401	401
Grand Total	**14**	**2266**	**2280**

Staff are categorised by age band and sales status.

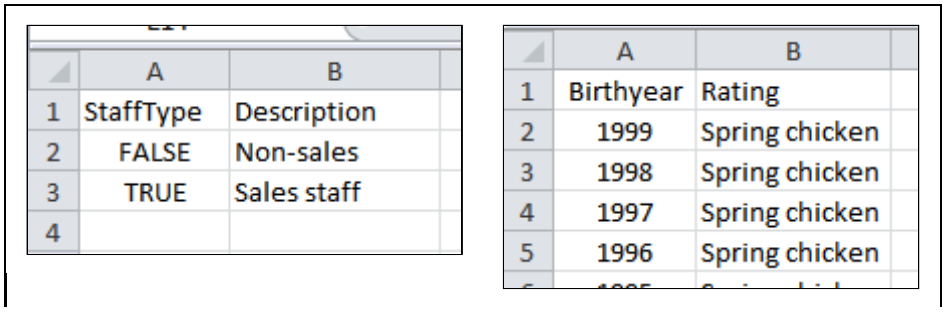
To start, if you haven't already done so run the script in the above folder to generate the **MAM** database (not for commercial use or copying).

Create an Excel workbook, and connect to the **tblStaff** table in the **MAM** database. Within this table, create a new column:



The new column gives the year corresponding to any date of birth.

Now create another new workbook, and in this put two new worksheets:

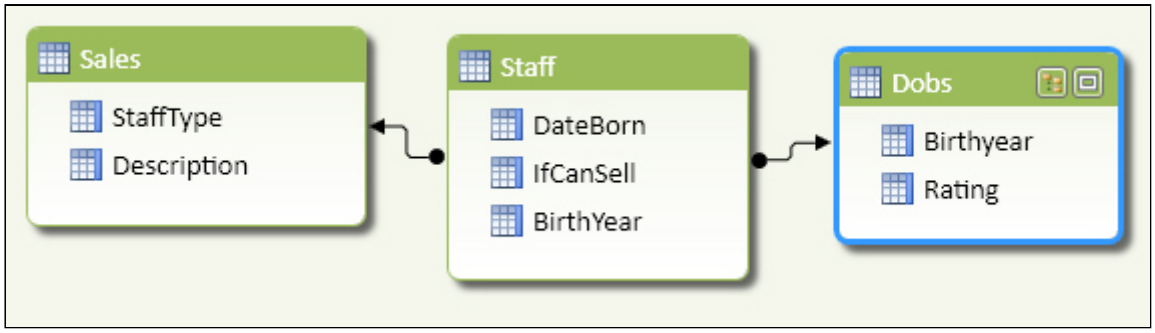


Assigning sales terms	*Categorising ages*

> *You can use any ratings you like for ages, but to get the figures shown above you'll need to use **Spring chicken** for 1984 onwards, **Not so springy** for 1953 to 1983 and **Just plain old** for 1900 to 1952.*

Save this workbook as **Staff tables**, and close it down.

In your original workbook, connect to these two Excel tables in PowerPivot, and create relationships as shown below:



For each staff member you can get the type and the age rating.

Now create the pivot table shown at the start of this exercise, then save this workbook as **Staff breakdown** and close it down.