The aim of this exercise is to divide staff up into 3 bands as follows:

Year of date of birth	Description
Up to and including 1960	**Old**
Up to and including 1985	**Middle-aged**
Anything else	**Young**

You should then use this to get a pivot table showing the average quantity of goods in each transaction by age category, as well as the number of transactions:

Row Labels	Average of Quantity	Count of TransactionId
Middle-aged	1.372	8,411
Old	1.360	2,301
Young	1.361	3,192
Grand Total	**1.368**	**13,904**

There isn't much difference, making one wonder whether this is genuine data, or just randomly generated numbers. Surely Wise Owl wouldn't stoop so low?

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).

Now import the **tblStaff**, **tblPos** and **tblTransaction** tables (giving them friendly names), and create a relationship between the **Staff** and **Pos** tables.

In the staff table, create two new calculated columns:

Column name	What it should contain
BirthYear	The year in which this person was born.
AgeBand	A verdict on the person's age, using the table above.

*Use either a nested **IF** function to get the age band, or else (better) the **SWITCH** function.*

Use this information to derive the pivot table at the start of this exercise.

Save your workbook as **Feeling old**, then close it down.