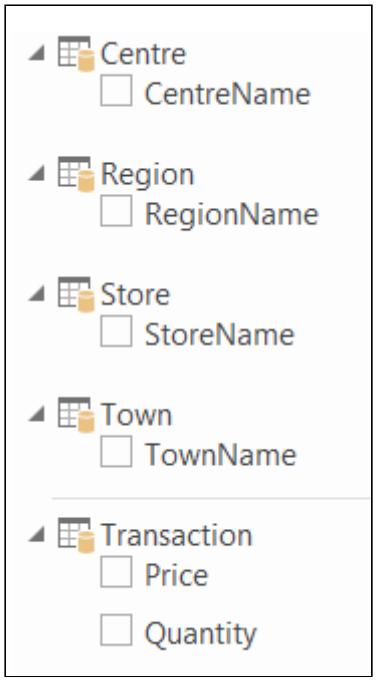
If you haven't already done so, run the SQL script in the above folder in SQL Server Management Studio to generate a database (not for commercial use or copying) called **MAM**.

Import from this database the following tables:

The tables to import, so we can look at regions, towns, etc.

If you haven't already chosen only to import the columns you need, delete columns from your data model and hide others from client tools to get this pivot table field list:



Your data model should only expose these fields.

*In PowerPivot **Diagram View**, you should have only 17 columns included, and many of these will be hidden from client tools.*

Now create this simple pivot table:

Row Labels	Sum of Quantity
East Anglia	442
East Midlands	1205
London	1984
North	1539
North West	3506
South East	4838
South West	1348
West Midlands	1984
Yorkshire & Humberside	2170
Grand Total	**19016**

A pivot table showing the total quantity of items sold, by region.

The figure of 1984 for London looks suspiciously Orwellian. Use **Quick Explore** (right-click on the cell for the menu option) to drill down to show that this is made up of these figures:

RegionName	London
Row Labels	**Sum of Quantity**
Barking	98
Bexleyheath	101
Bromley	84
Croydon	167
Edgware	47

The first few towns for this region.

Repeat this process to show:

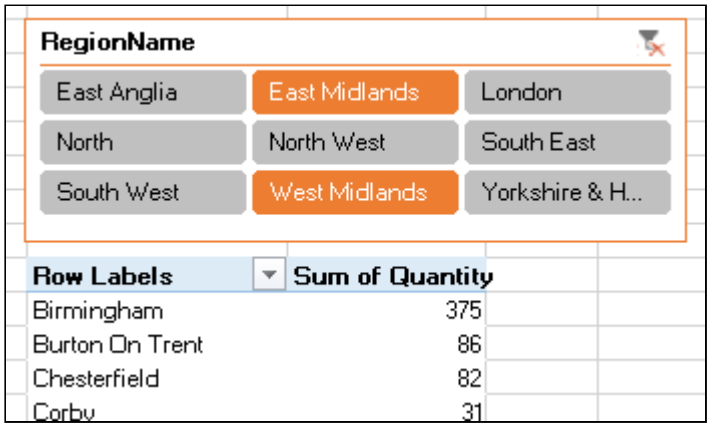
- the 773 figure for **London** town broken down by centre; then
- the 122 figure for **Leyton Mills** broken down by store.

You should now see this:

RegionName	London
TownName	London
CentreName	Leyton Mills
Row Labels	**Sum of Quantity**
Leyton Mills - store A	122
Grand Total	**122**

You can use CTRL *+ **Z** to undo what you've done until you're back at the original pivot table.*

Impressive stuff! Now add a slicer to your pivot table, and use it to show only towns for regions in the East and/or West Midlands:



You don't have to apply the hideous style shown here, but you should make your slicer have 3 columns.

Finally, create another pivot table showing the average price of transactions by shopping centre, and get this to be controlled by the slicer shown above also:

Row Labels	Average of Price
Ankerside Shopping Centre	8.49
Beaumont Shopping Centre	7.35
Broadmarsh Shopping Centre	7.47
Bullring	7.39
Cannon Park Shopping Centre	7.74
Castle Meadow Retail Park	8.30
Castle Vale Retail Park	8.49

Here's what this pivot table should show when you have the same regions (East and West Midlands) selected on the slicer on the other worksheet.

Save this workbook as **Best thing since slicer bread**, and close it down.