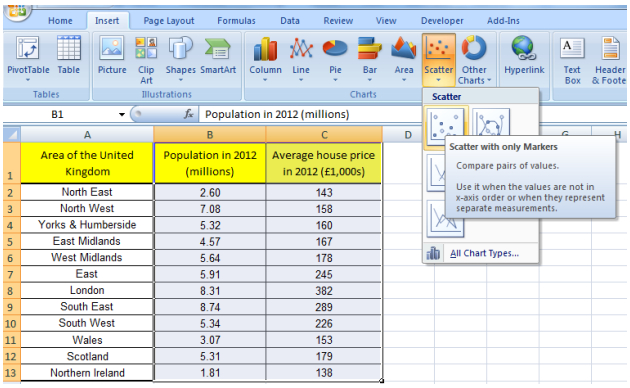
Scatter Graphs

These instructions should be used together with the spreadsheet, House prices scatter graphs.xls. Open this spreadsheet.

Select **B1:C13** then the **Insert tab** then **Scatter** then **Scatter with only Markers**

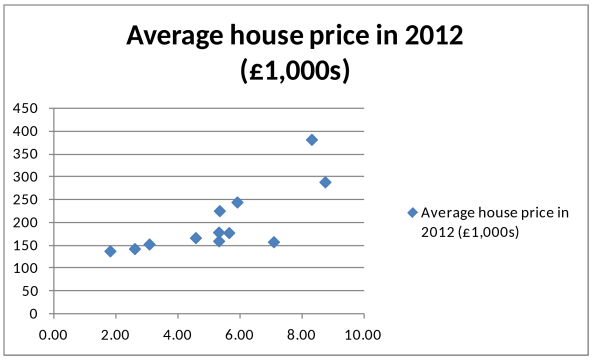


	A	B	C
1	Area of the United Kingdom	Population in 2012 (millions)	Average house price in 2012 (£1,000s)
2	North East	2.60	143
3	North West	7.08	158
4	Yorks & Humberside	5.32	160
5	East Midlands	4.57	167
6	West Midlands	5.64	178
7	East	5.91	245
8	London	8.31	382
9	South East	8.74	289
10	South West	5.34	226
11	Wales	3.07	153
12	Scotland	5.31	179
13	Northern Ireland	1.81	138

This has plotted column B (population (millions)) on the x-axis and column C (house price (£1,000s)) on the y-axis.

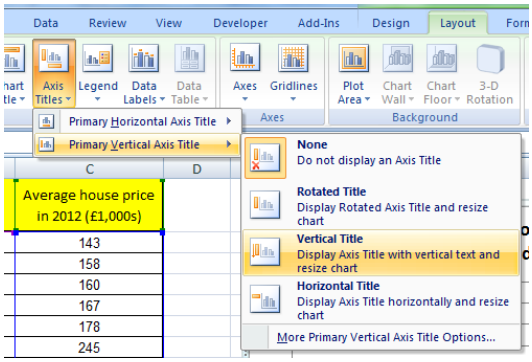
Delete legend.

Click on the **legend** and **delete**



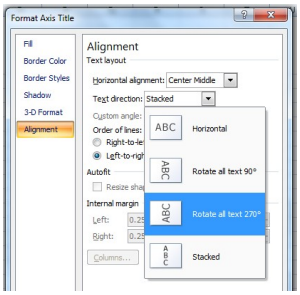
Add a title.
Click on the title and type in **House price vs Population for two areas in England** then **Enter**

Add a vertical axis title.
Click on the chart then select the **Layout tab** select **Axis Titles** then **Primary Vertical Axis Title** then **Vertical Title** and type **House price (£1,000s)** and **Enter.**



To change the alignment of the text in the vertical title.

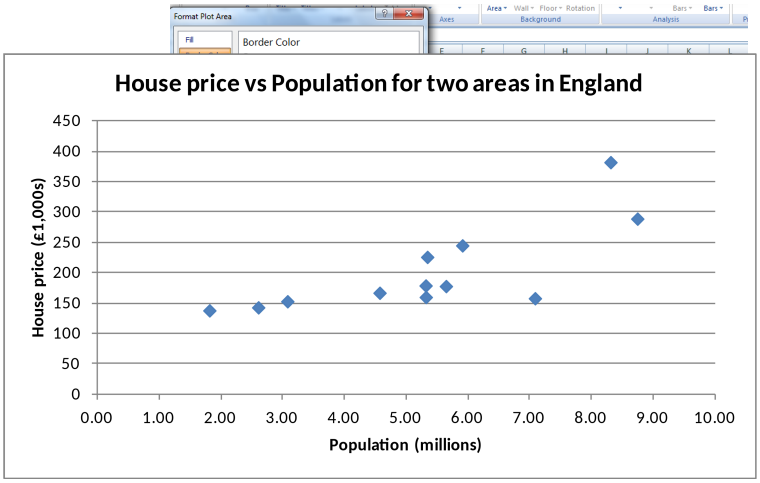
Right click on the **vertical title s**elect **Format Axis Title** then **Alignment** then click on the arrow next to **Text direction** click on one of the options and **Close**



Add a horizontal axis title.

In **Layout tab** select **Axis Titles** then **Primary Horizontal Axis Title** then **Title Below Axis** and type **Population (millions)** and **Enter.**

Add a chart border.
Right click on the **chart** select **Format Plot Area** then **Border Color** select **Solid line** open up the **Color** arrow select the colour and **Close**



To add a trend line

Right click on any **data point** select **Add Trendlin**e then **Linear** then **Display Equation on Chart** and **Close**