

Creating a Scatter Diagram in MS Excel Excel 2010

Creating a Scatter Plot in Excel 2010.

1. First, type your data in two columns. Age is in cells A3:A18 and Number of absences is in cells B3:B18. It is best to have your X-variable (independent variable) in the first column and the Y-variable (dependent variable) in the second column. The X-variable should be the horizontal axis and the Y-variable should be the vertical axis.

Age	# absences
20	2
24	1
28	3
30	4
32	5
35	7
41	6
45	8
48	5
50	9
53	9
55	12
62	10
64	8
65	11
67	13

2. Highlight the data and then Select **Insert > Other Charts > click on All Chart Types...** on the bottom > Choose **XY (Scatter)** > and click **OK**. You will see the scatter plot.
3. If you want to make your chart easy to understand. Select **Chart Tools > Layout** Please note that you if you do not see **Chart Tools** you will have to click anywhere in the middle, empty area of the chart (graph). Once you are in **Layout** you will be able to click on **Chart Title** to give the chart a title. You will have choices as to where to place the **Chart Title**. I prefer **Above Chart**.

In **Layout**, you can click on **Axis Titles** to give names to the horizontal (X-Axis) and vertical axis (Y-Axis). In the above example, the X-axis is Age and the Y-axis is Absences.

4. If you want a trend line, **Chart Tools > Layout > Trend Line > Linear Trend Line**

As before, if you do not see **Chart Tools** in the menu, click on the middle, empty area of the chart.

Note: If you highlight the chart, you can “grab” one of the corner handles to change the size of the chart. You can also drag it to another part of the page