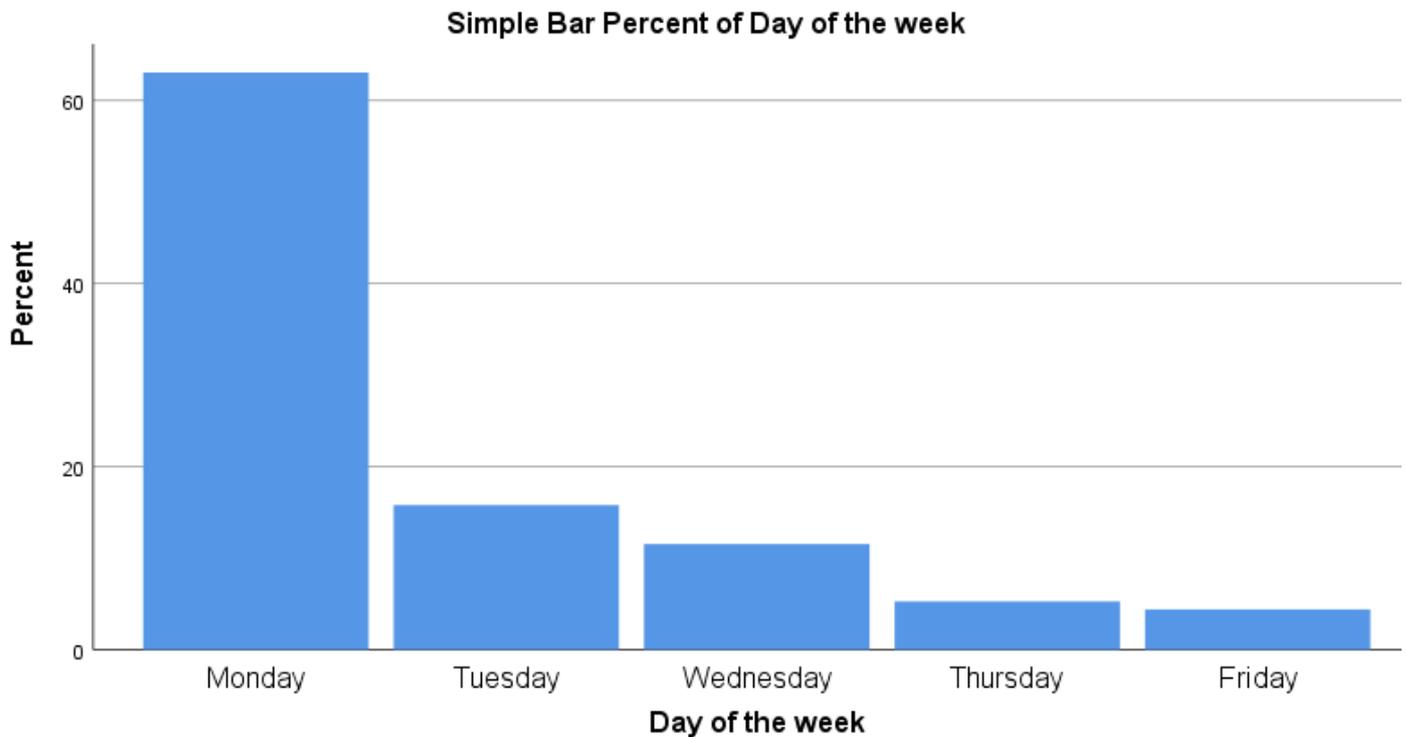


EXAMPLE:



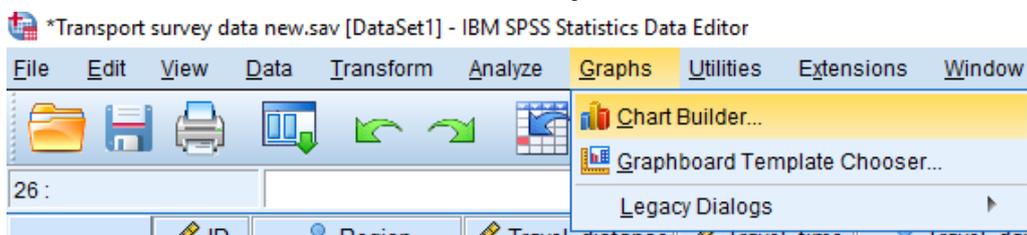
Data:

Data for this chart is based on commuting times for two regions (Yorkshire and the Humber & London). In addition to travel time and distance, the dataset includes several categorical variables such as region, day of the week (Monday to Friday) and mode of transport:

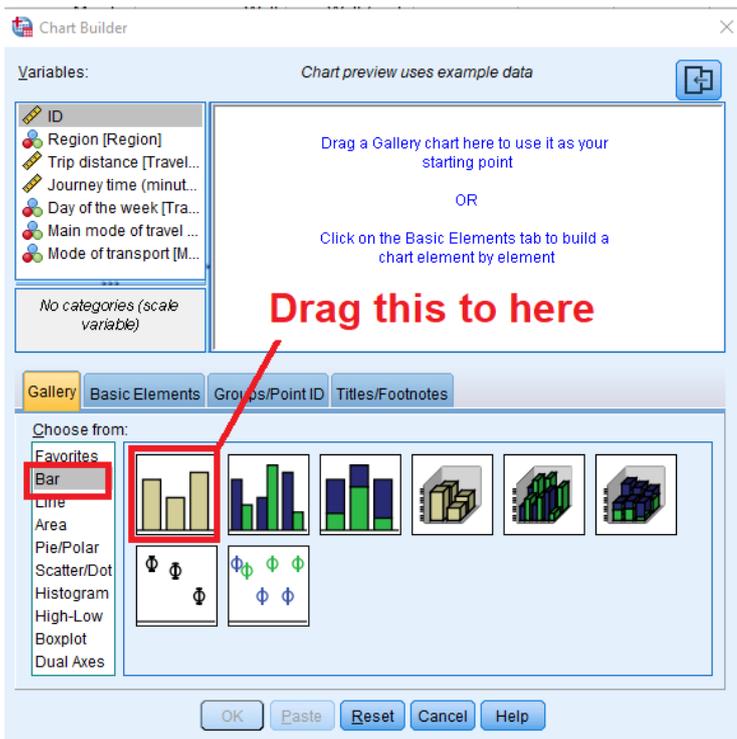
	ID	Region	Travel_distance	Travel_time	Travel_day	Transport_mode	Mode
1	1	London	.8	22	Monday	Walk	Walk/cycle
2	2	Yorkshire and th...	.7	29	Monday	Walk	Walk/cycle
3	3	Yorkshire and th...	.3	9	Monday	Walk	Walk/cycle
4	4	London	1.0	13	Monday	Car/van driver	Car/van/taxi
5	5	London	.8	17	Monday	Walk	Walk/cycle

Method:

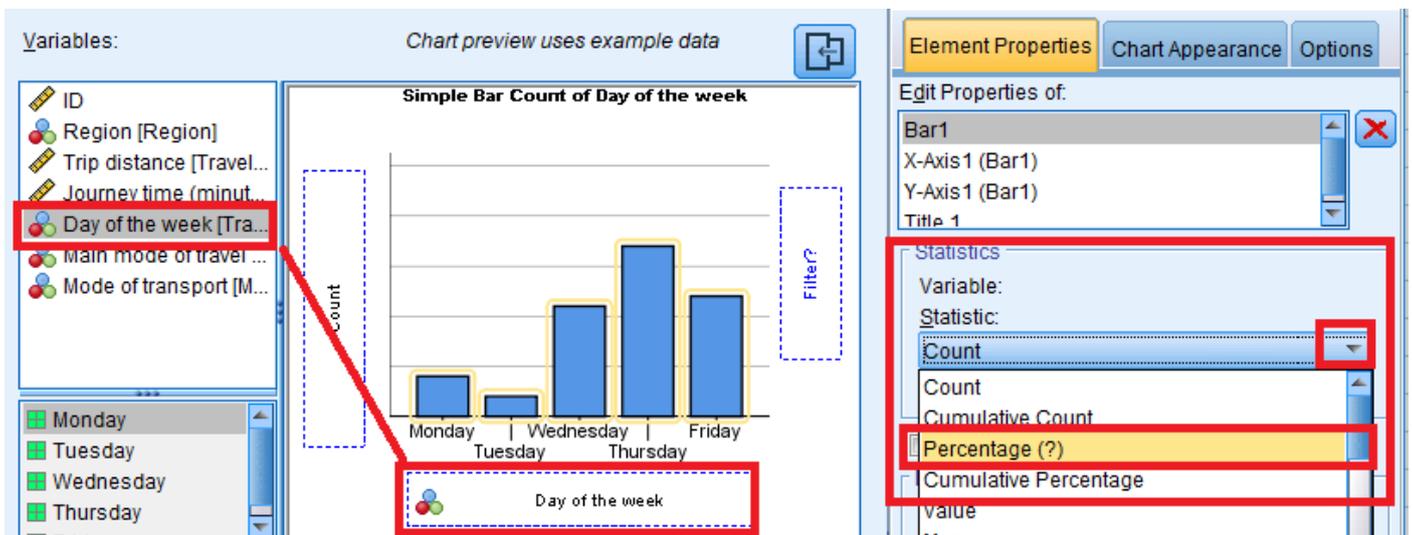
Graphs > Chart builder



This will open up a dialogue box that asks about setting measurement levels. In general, you are unlikely to need to set the measurement levels manually so just click **OK**. You will see the following dialogue box. Select **Bar** from the bottom left menu and drag the image of the simple barchart to the top right preview window as indicated overleaf:



Now select the variable that you want to construct a barchart for and drag it to the box at the bottom of the chart preview window labelled **X-axis?**. Once you have done this you can click **Ok**. This will produce a simple barchart with the number of people who travel each day. If you want to graph the percentage travelling each day rather than the number, click on the down arrow of the statistics dialogue box on the right and select percentage and click **Ok** to obtain the example chart overleaf.



Editing the chart:

You can edit this chart to change the colour of the bars, titles, add tick marks etc by double-clicking on the chart to open the **chart editor**. From here if you double clicking on the graph element you wish to change this will open the **properties dialogue** box allowing you to make changes to the graph.