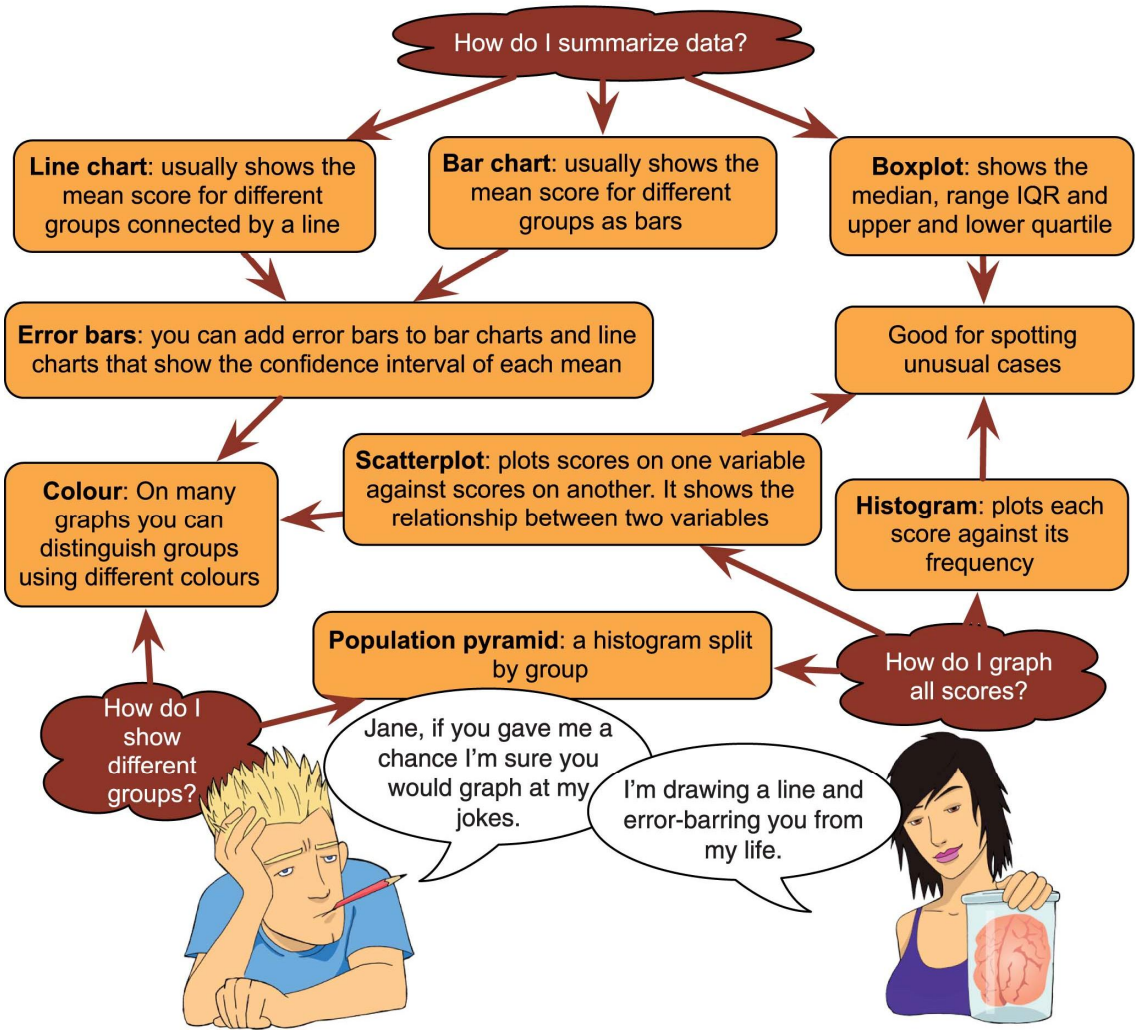
How do I summarize data?
Line chart: usually shows the mean score for different groups connected by a line
Bar chart: usually shows the mean score for different groups as bars
Boxplot: shows the median, range IQR and upper and lower quartile
Error bars: you can add error bars to bar charts and line charts that show the confidence interval of each mean
Good for spotting unusual cases
Colour: On many graphs you can distinguish groups using different colours
Scatterplot: plots scores on one variable against scores on another. It shows the relationship between two variables
Histogram: plots each score against its frequency
Population pyramid: a histogram split by group
How do I show different groups?
How do I graph all scores?
Jane, if you gave me a chance I'm sure you would graph at my jokes.
I'm drawing a line and error-barring you from my life.