

Visualising Data

A data visualization is an image representation of a trend in a data set.

Categorical - no meaningful order

Make frequency table

Bar chart - height equals frequency - uses distinct categories

Histogram - flowing categories

Pictograph - a picture represents a larger number

Quantitative data - specific number

Binning - puts a group of quantitative in categories

Binning is like grouping (kinda)

Part 2:

Dot plot - like a histogram but each point gets a dot

Stem and leaf plot - form groups then put a histogram like formation

Box plot - show median as a line - q_1 and q_3 are in orders of magnitude - the 'whiskers' are the max/ min

Cumulative frequency plot - how much is in the but AND in all previous bins