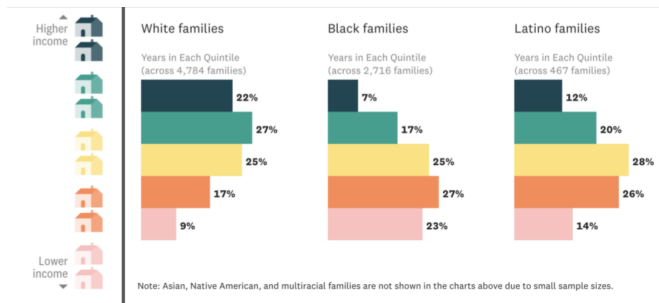Visualizing Data

Data Visualizations

A graph or picture that helps humans understand important patterns in a dataset.

Frequency Table

Type and how often they occur and their frequency.

Ex:

Pasta Type | Frequency | Relative Frequency

Use bar charts to see how taller a frequency is over the other. You can also use categorical bar charts to see which sauce they would like over each pasta.

Dotplot

Takes a histogram and replaces the bars with dots.

Stem & Leaf Plot

The cousin of a dot plot. Stem and leaf plots use raw data

Cumulative Frequency Plot

Like a histogram, but tells you how much data is in a bin and other bins.