

Exploring Displays

For each type of display, fill in the information below.

Pie Charts	Bar Charts
<div>Sketch a pie chart here.</div>	<div>Sketch a bar chart here.</div>
Pie charts are constructed from <u>1</u> column(s).	Bar charts are constructed from <u>1</u> column(s).
They show <u>categorical</u> data.	They show <u>categorical</u> data.
What does this display tell us? <u>The proportion in which values in a categorical column</u> <u>are represented</u>	What does this display tell us? <u>The proportion in which values in a categorical column</u> <u>are represented - including categories that are</u> <u>not represented</u>

Box Plots	Histograms
<div>Sketch a box plot here</div>	<div>Sketch a histogram here</div>
Box plots are constructed from <u>1</u> column(s), and show <u>quantitative</u> data. What do you think this display tells us? <u>The range of quantitative values in the bottom quarter, top</u> <u>quarter, and the middle quarters. This tells us something about</u> <u>the spread of the data</u>	Histograms are constructed from <u>1</u> column(s), and show <u>quantitative</u> data. What do you think this display tells us? <u>How many values in a quantitative column fall into</u> <u>equally-sized bins. This tells us something about</u> <u>the spread of the data</u>