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1. Which of the following exploratory visualizations is best for displaying the distribution of values?

1 point

- ☐ Box plot
- ☐ Pie chart
- ☒ Scatter plot

Not quite. Scatter plots illustrate plotted points based on the values being displayed on the graph and are good for noticing trends. The box plot shows the distribution of values across a box and “whiskers”, with similar information to using the `.describe()` method.

- ☐ Bar chart

2. A bar chart is best for displaying what type of data?

1 / 1 point

- ☐ Relational
- ☐ Distribution
- ☐ Numerical
- ☒ Categorical

That is correct! Bar charts are used to display categorical data, like a type of clothing or the species of penguin, rather than pure numerical data.

3. Which visualization is best to discover a correlation in your data between two variables?

1 point

- ☐ Pie chart
- ☒ Bar chart

Not quite. A bar chart is more appropriately used to represent categorical data. Relational data is best visualized using something like a scatter plot.

- ☐ Box chart
- ☐ Scatter plot



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