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1. A data professional is analyzing sales data for an online store. The most frequently occurring value in the dataset is \$150. What term is used to describe this value? 1 / 1 point

- ☒ Mode
- ☐ Variance
- ☐ Median
- ☐ Interquartile range

☒ Correct
Mode is used to describe this value. The mode is the most frequently occurring value in a dataset.

2. What do measures of dispersion represent? 1 / 1 point

- ☒ The spread of a dataset
- ☐ The relative position of the values in a dataset
- ☐ The center of a dataset
- ☐ The total number of values in a dataset

☒ Correct
Measures of dispersion represent the spread of a dataset, or how spread out the values are from the center.

3. Which of the following descriptive statistics are measures of position? Select all that apply. 1 / 1 point

☒ Quartile

☒ Correct
Measures of position include quartile and percentile. A quartile divides the values in a dataset into four equal parts. A percentile is the value below which a percentage of data falls.

☐ Mean

☐ Standard deviation

☒ Percentile

☒ Correct
Measures of position include quartile and percentile. A quartile divides the values in a dataset into four equal parts. A percentile is the value below which a percentage of data falls.

