**Chapter 1 Vocab**

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| 1.5 × IQR Rule for Outliers | Outlier |
| Association |  |
| Back-to-back stemplot | Pie chart |
| Bar graph | Quantitative Variable |
| Bimodal | Range |
| Boxplot | Relative frequency table |
| Categorical Variable | Resistant measure |
| Conditional distribution |  |
| Data analysis | Segmented bar graph |
| Distribution | Side by side bar graph |
| Dotplot |  |
| First quartile Q1 | Skewness |
| Frequency table | Splitting stems |
| Histogram | Standard deviation |
| Individuals | Symmetry |
| Inference | The Five-Number Summary |
| Interquartile Range | Variables |
| Marginal distribution | Variance |
| Mean |
| Median |
| Mode |
| Multimodal |

**Chapter 2 Vocab**

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| Cumulative relative frequency graph |
| Density curve |
| Mean of a density curve |
| Median of a density curve |
| Median of a density curve |
| Normal curves |
| Normal Distribution |
| Normal probability plot |
| *P*th percentile |
| Standard Normal distribution |
| Standardized values (*z*-scores) |
| The 68-95-99.7 Rule |

**Chapter 3 Vocab**

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| Coefficient of determination | Regression line |
| Correlation | Residual |
| Explanatory variable | Residual plot  |
| Extrapolation | Response variable |
| Influential | Scatterplot |
| Least-squares regression line  | Slope |
| Negative association | Standard deviation of the residuals (s)  |
| Outlier | y intercept |
| Overall pattern |
| Positive association |