

Data Analysis - Checklist

Measures of Central Tendency

- ☐ Mean
- ☐ Median
- ☐ Mode
- ☐ Outlier (if possible)

Measures of Spread

- ☐ Range
- ☐ Quartile (IQR)
- ☐ Variance
- ☐ Standard Deviation
- ☐ z-score

Graphs

- ☐ Histogram
- ☐ Frequency Table / Diagram
- ☐ Pie Chart (if possible)
- ☐ Pictograph (if possible)
- ☐ Scatter Plot

Variables

- ☐ Discrete
- ☐ Continuous
- ☐ Independent
- ☐ Dependent

Two-Variable

- ☐ Line of Best Fit
- ☐ Linear Correlation
- ☐ Correlation Coefficient
- ☐ Least-Squares Method

Probability Distribution

- ☐ Binomial Distribution
- ☐ Normal Distribution
- ☐ Expected Value
- ☐ Theoretical Probability
- ☐ Experimental Probability