

12.5: Assignments



The assignments for Concepts in Statistics are typically centered around a dataset that the student uses in conjunction with a statistics package. The activity has the student explore the dataset, generate descriptive statistics and appropriate graphs from the data, and interpret the output. Instructions are provided for five different statistics packages:

- R
- StatCrunch
- Minitab
- Excel
- TI Calculator

If you import this course into your learning management system (Blackboard, Canvas, etc.), the assignments will automatically be loaded into the assignment tool. They can be used as is, modified, or removed. You can preview them below:

Assignments and Alignment	
Assignment	Module
Assignment: Histogram	Module 2: Summarizing Data Graphically and Numerically
Assignment: Five-Number Summary	Module 2: Summarizing Data Graphically and Numerically
Assignment: Boxplot	Module 2: Summarizing Data Graphically and Numerically
Assignment: Standard Deviation	Module 2: Summarizing Data Graphically and Numerically
Assignment: Scatterplot	Module 3: Examining Relationships: Quantitative Data
Assignment: Linear Relationships	Module 3: Examining Relationships: Quantitative Data
Assignment: Linear Regression	Module 3: Examining Relationships: Quantitative Data
Assignment: Hypothesis Testing for the Population Proportion p	Module 8: Inference for One Proportion
Assignment: A Statistical Investigation using Software	Module 9: Inference for Two Proportions
Assignment: Distribution of Sample Means	Module 10: Inference for Means
Assignment: Connection between Confidence Intervals and Sampling Distributions	Module 10: Inference for Means
Assignment: Hypothesis Testing for the Population Mean	Module 10: Inference for Means
Assignment: Matched Pairs	Module 10: Inference for Means
Assignment: Checking Conditions	Module 10: Inference for Means
Assignment: Using Technology with Data to Run a Hypothesis Test	Module 10: Inference for Means
Assignment: Two Independent Samples	Module 10: Inference for Means
Assignment: Test of Independence Using Technology	Module 11: Chi-Square Tests

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