

[See this page in the course material.](#)



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
<a href="#">Assignment: Histogram</a>	Module 2: Summarizing Data Graphically and Numerically
<a href="#">Assignment: Five-Number Summary</a>	Module 2: Summarizing Data Graphically and Numerically
<a href="#">Assignment: Boxplot</a>	Module 2: Summarizing Data Graphically and Numerically
<a href="#">Assignment: Standard Deviation</a>	Module 2: Summarizing Data Graphically and Numerically
<a href="#">Assignment: Scatterplot</a>	Module 3: Examining Relationships: Quantitative Data
<a href="#">Assignment: Linear Relationships</a>	Module 3: Examining Relationships:

	Quantitative Data
<a href="#">Assignment: Linear Regression</a>	Module 3: Examining Relationships: Quantitative Data
<a href="#">Assignment: Hypothesis Testing for the Population Proportion p</a>	Module 8: Inference for One Proportion
<a href="#">Assignment: A Statistical Investigation using Software</a>	Module 9: Inference for Two Proportions
<a href="#">Assignment: Distribution of Sample Means</a>	Module 10: Inference for Means
<a href="#">Assignment: Connection between Confidence Intervals and Sampling Distributions</a>	Module 10: Inference for Means
<a href="#">Assignment: Hypothesis Testing for the Population Mean</a>	Module 10: Inference for Means
<a href="#">Assignment: Matched Pairs</a>	Module 10: Inference for Means
<a href="#">Assignment: Checking Conditions</a>	Module 10: Inference for Means
<a href="#">Assignment: Using Technology with Data to Run a Hypothesis Test</a>	Module 10: Inference for Means
<a href="#">Assignment: Two Independent Samples</a>	Module 10: Inference for Means
<a href="#">Assignment: Test of Independence Using Technology</a>	Module 11: Chi-Square Tests

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