

SECTION OVERVIEW

Using Excel Spreadsheets in Statistics

10 Correlation and Linear Regression

- 10.1 Correlation and Linear Regression using Excel
- 10.2 Correlation and Linear Regression using the Excel spreadsheet provided

1 Creating a Frequency Table

- 1.10 Using the Excel Spreadsheet provided - Frequency Table You Bin
- 1.11 Using Excel Spreadsheet Provided - Frequency Table
- 1.11 Using the Excel Spreadsheet Provided
- 1.11 Using the Excel Spreadsheet to create a Frequency Table - Frequency Table Tab
- 1.11 Using Excel Spreadsheet Provided - Frequency Table
- 1.12 Using the Excel Spreadsheet - Frequency Table Only
- 1.20 Installing the Data Analysis Tool for Excel
- 1.21 Creating a Frequency Table and Histogram in Excel - Using the Data Analysis Toolpak
- 1.22 Creating a Bar Chart and Frequency Table in Excel

2 Descriptive Statistics using Excel

- 2.01 Displaying Data - Creating a Bar Chart
- 2.02 Create a Scatterplot
- 2.04 Using the Excel Spreadsheet provided to generate Descriptive Statistics
- 2.05 Using the Data Analysis Tool to generate Descriptive Statistics

3 Discrete Probability

- 3.1 Binomial Distribution using Excel Spreadsheet Provided
- 3.2 Binomial Probability using Excel
- 3.3 Poisson Distribution using Excel Spreadsheet Provided
- 3.4 Poisson Probability using Excel
- 3.5 Geometric Probability Distribution using Excel Spreadsheet
- 3.6 Geometric Probability using the Excel Sheet provided

4 Continuous Probability

- 4.1 Uniform Probabilities using the Excel Spreadsheet provided and Excel Spreadsheet
- 4.2 Exponential Probability using the Excel Spreadsheet provided and Excel only
- 4.3 Normal probability using Excel Spreadsheet provided and Excel only

5 Central Limit Theorem and Confidence Intervals

- 5.1 Probability for Means using Excel
- 5.2 Probability for Proportions using the Excel Spreadsheet
- 5.3 Confidence Intervals Means using Excel spreadsheet provided
- 5.4 Confidence Interval for Proportions using Excel Spreadsheet provided
- 5.5 Sample Size - Mean - Using the Excel Spreadsheet provided
- 5.6 Sample Size - Proportion - Using the Excel Spreadsheet provided

6 Hypothesis Testing - One Population Mean, Proportion, and Dependent Populations

- 6.1 Hypothesis Test - Single Population Mean using Excel Spreadsheet provided
- 6.2 Hypothesis Testing - Single Population Mean using Excel
- 6.3 Hypothesis Testing - Single Population Proportion using the Excel Spreadsheet provided
- 6.4 Hypothesis Testing - Two Dependent Populations - Using the Excel Spreadsheet provided

7 Hypothesis Testing - Two Population Mean and Proportion

- 7.1 Hypothesis Testing - Two Population - Mean using Excel Spreadsheet provided
- 7.2 Hypothesis Testing - Two Population - Mean Excel Spreadsheet
- 7.3 Hypothesis Testing - Two Population - Proportion Excel Spreadsheet Provided

8 Hypothesis Testing - ANOVA

- 8.1 ANOVA using Excel Spreadsheet provided
- 8.2 ANOVA using Excel Spreadsheet

9 Goodness of Fit, Independent, and Homogeneity Test

- 9.1 Goodness of Fit Test - Excel spreadsheet provided
- 9.2 Independence and homogeneity test using Excel spreadsheet provided

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