

Introduction

In the Exploratory Data Analysis module, you learn how to use descriptive methods to characterize, explore, and visualize your data.

You learn how to describe your data using measures of centering and spread, and how to graphically display your data one, two, and many variables at a time.

You are introduced to some basic probability concepts that are essential in statistics, such as the normal distribution, the difference between populations and samples, and the central limit theorem.

You learn how to visualize multivariate data, how to dynamically explore subsets of your data, and how to effectively communicate the message in your data.

Finally, you learn how to prepare your data for analysis.

Statistical Thinking for Industrial Problem Solving

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