

JMP Software: Statistical Data Exploration

Duration: 2.0 days

This Level II course is designed as an important first step for anyone who wants to use Version 5 of JMP software to manage and analyze data.

Course Description [\[Click to register ONLINE \]](#)

This course introduces JMP, its philosophy, and its extensive graphical data exploration capabilities. Students learn to perform elementary exploratory data analysis (EDA) and discover natural patterns in data. Important statistical concepts such as confidence intervals and t-tests are also introduced. Students use JMP to learn to navigate through JMP menus, dialogs, and results; manage data; save and present results in various formats; use decision trees in the EDA context; and obtain and interpret descriptive and inferential statistics.

Prerequisites

Before attending this course, you should be familiar with a Macintosh or Microsoft Windows operating system.

Course Contents

Data Retrieval

- opening different types of files in JMP
- understanding modeling type
- introducing the Table panel, Columns panel, and Rows panel

Data Exploration and Manipulation

- using the Columns and Rows menus
- creating new columns
- creating new tables
- saving and presenting results

Exploring Distributions of Values

- interpreting and generating descriptive statistics
- interpreting and generating inferential statistics
- understanding hypothesis testing
- testing hypotheses about the mean

Data Partitioning

- exploring data using recursive partitioning

Classroom Course Materials

Students attend classroom courses in one of our public training centers. You receive a hardcopy of the course notes.