

# SPSS: Intermediate Statistics

A practical course following on from the introduction, presenting more advanced statistical techniques such as ANOVA, ANCOVA, Multiple Regression, Logistic Regression, and Repeated Measures. The course is run over 2 days.

Group classes in NYC and onsite training is available for this course. For more information, email [nyc@careercenters.com](mailto:nyc@careercenters.com) or visit: <https://www.careercenters.com/courses/spss-intermediate-statistics>



[nyc@careercenters.com](mailto:nyc@careercenters.com) • (212) 684-5151

## Course Outline

### Data Entry and Manipulation

- Enter categorical and continuous data
- Define and label variables
- Transform, recode and compute variables
- Help files
- Restructuring data
- Merging files
- Syntax and output

### Graphs and Tables

- Graphs such as histograms, QQ plots and box-plots
- Descriptive statistics
- Cross tabulation (two-way tables)

### Basic Statistical Analysis

- Introduction to estimation and hypothesis testing
- One sample tests: t-test, sign and signed rank tests
- Two-sample tests: t-test, Mann-Whitney test
- Three or more samples
- Correlation and simple linear regression