

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 contact@nyimtraining.com or visit: <https://training-nyc.com/courses/spss-intermediate-statistics>



contact@nyimtraining.com • [\(212\) 658-1918](tel:(212)658-1918)

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