

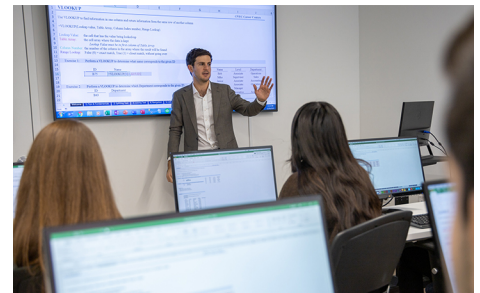
SPSS Essentials Private training

This SPSS training concentrates on the most common topics that researchers use. Learn to create a data file and enter data, conduct preliminary analyses, use graphs to describe and explore the data, manipulate the data, check the reliability of a scale, apply correlations, conduct significance tests, and perform regression analysis. This course is offered as private training only where you will cover topics from the outline below. The number of topics covered depends on the level of the attendee.

Group classes in NYC and onsite training is available for this course.

For more information, email contact@nyimtraining.com or visit:

training-nyc.com/courses/spss-essentials-3-day-class



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Course Outline

Getting Started

- Getting to know SPSS
- Starting SPSS

Working with data files

- SPSS windows
- Menus
- Dialogue boxes
- Closing SPSS
- Getting help

Creating a data file and entering data

- Defining the variables
- Entering data
- Modifying the data file
- Data entry using Excel

Preliminary Analyses

- Descriptive Statistics
- Frequencies (categorical variables)
- Central tendency, standard deviations, and range (continuous variables)

Using graphs to describe and explore the data

- Histograms

- Bar graphs
- Boxplots
- Line graphs
- Editing a chart/graph
- Graphs using Excel

Manipulating the data

- Calculating total scale scores
- Transforming variables
- Collapsing a continuous variable into groups

Checking the reliability of a scale

- Procedure for checking reliability
- Interpreting the output from reliability

Correlations

- Pearson product-moment correlation
- Interpretation of output from correlation

Significance Tests

- T-tests
- Independent t-tests
- Interpreting the output from independent t-test
- Paired t-tests
- Interpreting the output from paired t-test
- Chi-square test of independence
- Interpreting the output from chi-square test

Continuing with significance tests

- Analysis of Variance
- One-Way between-groups ANOVA
- Post-hoc comparisons
- Interpreting the output from one-way ANOVA
- Two-Way between-groups ANOVA
- Interpreting the output from two-way ANOVA
- One-Way Repeated measures ANOVA
- Interpreting the output from repeated measures ANOVA

Regression

- Multiple linear regression
- Interpreting the output from multiple linear regression
- Logistic regression
- Interpreting the output from logistic regression