

Statistical Analysis with SPSS

This course introduces you to the power and functionality of IBM SPSS Statistics as a data analysis tool and covers standard exploratory statistical analysis of data.

Group classes in NYC and onsite training is available for this course. For more information, email nyc@careercenters.com or visit: <https://www.careercenters.com/courses/statistical-analysis-with-spss>



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Course Outline

Data definition and access

- Defining variables and entering data using the built-in Data Editor
- Applying dictionary information from another file
- Importing data from spreadsheets and other applications

Data modification

- Computing new variables and recording data values
- Selecting subsets of the data
- Splitting data files to obtain sub-group summaries

Data analysis and presentation

- Levels of measurement (types of data)
- Summarizing variables using frequencies and descriptives
- Bar charts, histograms and boxplots
- Summaries of central tendency (e.g. mean, median and mode)
- Summaries of spread and shape (e.g. standard deviation, skewness) The 'normal distribution' and its importance
- Producing crosstabulation tables and testing for significant relationships with chisquare
- Assessing relationships between continuous variables through plots and correlations