COURSE SYLLABUS

Intermediate SPSS (Private Training)

This is an intermediate level course designed to introduce students to advanced techniques used in data analysis and database management. Focus is placed on the use of scripts, the appropriate use of parametric and nonparametric tests, regression analysis and Decision Trees. The incorporation of these techniques will provide the tools necessary to perform sophisticated analysis and management of data.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.careercenters.com/courses/intermediate-spss



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Course Outline

Scripts

Creating Syntax File:

- Through GUI
- Command line
- Importing and modifying syntax files

Non Parametric Test

- Testing for skewness
- One sample Wilcoxon signed rank test
- Mann-Whitney
- Paired sample Wilcoxon signed rank test
- Kruskal-Wallis H-test
- Bootstrapping

Regression Analysis

- Linear regression (linear)
- Linear regression (curvilinear)
- Multiple regressions with dummy variables

2 Way ANOVA

Repeated Measure ANOVA

Decision Tree