Quantitative Data Analysis I with SPSS

SPSS is a major software for the analysis of data in social science research. For researchers involved in analyzing, processing and handling data, this is a course that will teach them how to use SPSS from inputting and analyzing data, as well as interpreting and presenting results. The course will focus on descriptive statistical techniques that can be used to analyze data relevant to the social sciences.

Course Outline

The course is organized in 6 sessions. Part I re-caps the fundamental principles of quantitative data analysis. Part II is lab-based and focuses on hands-on sessions on SPSS.

Part I:
- Topic 1 – Descriptive Statistics
- Topic 2 – Making Predictions: The Power of Inference
- Topic 3 – The Normal Distribution & Central Limit Theorem
- Topic 4 – Making Predictions I: Point Estimators and Confidence Intervals
- Topic 5 – Precision of Prediction: The Power of Sample Size
- Topic 6 – Principles of Hypothesis Testing

Part II:
- Topic 1 – Data Entry in SPSS
- Topic 2 – Descriptive Statistics in SPSS
- Topic 3 – Point Estimators and Confidence Intervals in SPSS
- Topic 4 – Bivariate Analysis I: Cross-tabulations
- Topic 5 – Bivariate Analysis II: Oneway ANOVA
- Topic 6 – Multivariate Analysis: Linear Regression Models

Who Should Attend
Executives, analysts and researchers who have an interest in learning and understanding quantitative data analysis methods and concepts using SPSS will benefit largely from this course.

Prerequisites
There are no prerequisites for this course.

Enquiries
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For details on schedule, course fee & registration, visit CFPR website.