

INTRODUCTION TO PASW STATISTICS & STATISTICAL ANALYSIS

■ Duration: 3 days ■ Level: Beginner

Target Audience

This course targets those who wish to examine data using exploratory (including bi-variate) data interrogation techniques allowing the analyst to produce reliable results in order to draw informed conclusions.

Prerequisites

Keyboard and mouse skills. Experience of working in the Windows environment and a general understanding of key Windows features. **No prior knowledge of PASW Statistics or inferential statistics is required.**

Overview

The course provides an introduction to using PASW Statistics with particular regard to analysing quantitative information, data management and charting results. The training covers basic statistical theory and introduces many of the most popular statistical tests. The course focuses on how to use PASW Statistics to enhance the typical data analysis process through informed statistical analysis and appropriate data presentation.

Course Content

- Introduction to Statistical Analysis
- Introducing PASW Statistics
- Reading Data
- Variable Properties
- Working with the Data Editor
- Summarising Individual Variables
- Modifying Data Values: Recode
- Modifying Data Values: Compute
- Selecting Cases
- Creating and Editing Charts
- Output in the Viewer
- Understanding Data Distributions - Theory
- Data Distributions for Scale Variables
- Making Inferences about Populations from Samples
- Relationships Between Categorical Variables
- The Independent-Samples T Test
- The Paired-Samples T Test
- One-Way ANOVA
- Bivariate Plots and Correlations for Scale Variables
- Regression Analysis
- Nonparametric Tests

Products used: PASW Statistics Base