

# [SPSS Beginner Course](#)

## Tailored & Dedicated Statistics Training for Health & Medical Professionals

### Training Options

[SPSS Beginner Course](#)[Inference Statistics With SPSS](#)[Correlation & Regression](#)[Factor Analysis Using SPSS](#)[Structural Equational Modelling](#)[Survival Analysis](#)[ANOVAs](#)[Medical Statistics Basic Concepts](#)[Client Site Training](#)[1 To 1 Tailored Training](#)[Webinar After-Training Support](#)[Data Diagnosis Clinic](#)[Learning Resources](#)

[Printable Page](#)

### SPSS Beginner Course

This 1-day course will help the complete beginner to acquire the skill necessary to create SPSS files from paper-based questionnaire responses; import Excel datasheet into SPSS for analysis; and correctly generate descriptive statistics and graphical summaries. You will learn to use a number of data manipulation techniques including recode, count occurrence, split files, compute, and multiple response data summary statistics.

This scheduled public course is delivered regularly from our training rooms in Manchester, Peter House.

#### Small Class Size

To ensure that high quality and responsive learning support is given to each participant, we only take a small class with a maximum of 9 participants on our scheduled courses. Therefore, it is important you register your interest early to secure a place.

#### Target audience

- Post Graduate Researcher undertaking PhD study or Masters.
- Early Career Research new to research, on their first teaching & research post or an independent researcher.
- Mid-Career Researcher building reputation and esteem to help establish influence and leadership.
- Expert Researcher or Research Leader, influencing strategy and mentoring researchers of the future.

## **Pre-requisite**

Little or no previous knowledge of SPSS or statistics is required. *Please see course details* below for the course reminders.

## **Teaching Methods**

The teaching method is mainly hands-on. It is supported by presentation, demonstration, encourage reflection, discussions, questions and answers. The tutor will go around to examine each participant's project to provide suggestions, corrections and efficiency tips.

## **Training Workbook**

Each participant receives an instructional workbook to work through and keep.

## **Certificate of Completion & After Training Support**

Each participant receives a certificate of completion and ongoing after training support via phone, email and a weekly live questions and answers [Webinar](#), Friday mornings 11-12 noon GMT.

## **Course Outline**

The course is sub-divided into three sessions:

### **Section 1: Explore SPSS using a sample data file**

By the end of the section, you will be able to:

1. Explore the SPSS package using a sample data file.
2. Recognise the importance of data types – categorical (nominal and ordinal) and continuous measurements.
3. Generate summary statistics and graphs appropriate for categorical data, continuous data and combine data types.
4. Summarise and explore relationships and comparisons between variables in the data using the Explore command and Cross tabulation matrices.

### **Section 2: Create a new SPSS file and summarise the data.**

By the end of the section, you will be able to:

1. Create an SPSS file from a paper base questionnaire.
2. Enter records into your newly created file.
3. Generate graphs (bar charts, pie charts, histograms, box plots, error bars, box-and-whisker plots), descriptive statistics, and cross-tabulation matrices.
4. Transfer the statistical outputs to Word or PowerPoint.

### **Section 3: Data Manipulation Techniques**

By the end of the section, you will be able to:

1. Recode continuous variable into categorical variable with subgroups.

2. Compute new variable from existing variables.
3. Select cases if a given criteria is met.
4. Split cases to generate separate outputs grouped by the split values.
5. Weight cases for group frequency counts.
6. Summarise multiple response variables.

### Course Reminders

- Please bring your laptop with IBM SPSS software installed and tested for working correctly. If you need to download a free trial version, here is a link to [download](#).
- Practice files come pre-loaded with a working copy of SPSS software.

### [See Course Dates](#)

### Register Your Interest

We only need 4 interested people to schedule this course, so please submit your interest to make it happen.

Your Name (required)

Your Email (required)

What is your preferred date? (required)

When we create new FREE learning resources or remind you of important upgrade critical to help you build your data analysis skill, would you like to receive it? Yes  No