

Statistical Consulting Unit

Workshops/Training courses

Spring 2023

Workshop # 1

Title: Introduction to Data Analytics using SPSS - Introductory course

Statistical Software: SPSS

Requirements: Basic knowledge in statistics

Instructor: Dr. Ibrahim Abdalla

Target Group: Professionals, Under/Postgraduate students

Date: 27 Jan. – 29 Jan.

Period: 3 days, 4 hours/day

Platform: Face to face Meeting

Inclusive of Scientific Materials: PowerPoint Slide Presentation and E-Certificate.

Workshop Fee: 1500 AED

Contact US: statconsult@uaeu.ac.ae

Description:

The workshop introduces participants to IBM SPSS for Windows. Participants will be trained on comparing and protecting original datasets, and on handling data files in a variety of formats, including Excel, database tables, SAS, and Stata. They will also be trained on how to explore SPSS Data Editor which provides for the display of data and variables. The workshop also offers hands on training on data entry, variable, and data manipulation, including finding and replacing data and variables, data transformation and descriptive statistics. In addition to other important SPSS features, participants will also explore working with SPSS output, pivot table, and command syntax.

Topics Covered:

Day 1:

- Getting started with IBM SPSS for Windows.
- Data files in SPSS: Types of data files, Opening/Reading different data files.
- File information.
- Comparing datasets.
- Protecting original data.

Day 2:

- Data editor: Data view. Variable view. Entering data. Editing data. Finding cases/variables/imputation. Finding and replacing data and attribute. Obtaining descriptive statistics. Case selection.

- Data editor printing.
- Working with multiple data sources.
- Data transformation.
- Working with output.

Day 3:

- Pivot table.
- Working with command syntax.
- SPSS utilities.
- SPSS options.
- Customizing menus and tools.