

## Statistical Consulting Unit

### Online Workshops/Training courses

#### Workshop #2

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**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:** 14 March., 2022 – 27 March, 2022

**Period:** 2 days, 4 hours/day

**Platform:** Zoom Meeting

**Inclusive of Scientific Materials:** Seminars include live lectures, hands-on exercise assignments, and plenty of chances to ask questions. PowerPoint Slide Presentation and E-Certificate.

#### 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:

1) Getting started with IBM SPSS for Windows. 2) Data files in SPSS: Types of data files, Opening/Reading different data files. 3) File information. 4) Comparing datasets. 5) Protecting original data. 6) 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. 7) Data editor printing. 8) Working with multiple data sources. 9) Data transformation. 10) Working with output. 11) Pivot table. 12) Working with command syntax. 13) SPSS utilities. 14) SPSS options. 15) Customizing menus and tools.

**Workshop Fee:** 1000 AED

**Note:** A certificate of completion of the workshop will be provided to participants.

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