

Statistical Consulting Unit
Workshops/Training courses

Fall 2023
Workshop #1

Title: Data Analytics using SPSS – Intermediate course

Statistical Software: SPSS

Requirements: Introductory course in Statistics

Instructor: Dr. Samir Safi

Target Group: Postgraduate students and interested researchers

Date: 2 Oct.– 15 Oct., 2023

Period: (12 Hours), 3 days, 4 hours/day

Platform: Face-to-face Meeting

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

Description:

This workshop introduces participants to the classical methods and techniques of descriptive statistics and statistical inference and applications from different fields. Topics include descriptive and exploratory data, inference involving univariate statistical analysis, t-tests, and ANOVA.

Topics Covered:

Day 1:

- Introduction to appropriate statistical software to analyze data, (SPSS).
- Conduct appropriate exploratory analysis to describe the data.
- Data cleaning and manipulation.

Day 2:

- Describe the concept of sampling distribution and interval estimation.
- Introduction to Parametric and Non-Parametric tests.
- Analyze data to make inferences about one, or two population Means and Proportions.

Day 3:

- Compare several independent groups' means (One and Two-Way factor ANOVA).
- Compare several dependent groups' means (ANOVA for Repeated measures).
- Case study.

Workshop Fee: AED 1500*

Contact US: statconsult@uaeu.ac.ae

*20% off for UAEU students