



Training Course	Data Analysis with SPSS
Course Language	English (+ Arabic support staff)
Course Duration	Total Number of hours: 15 hours
Course Objectives	Acquaint the participants with the basic principles and knowledge of applied statistical concepts. Train the participants to use the SPSS software for analysis of real life data Equip the participants with the choice of statistical method that better suits their research design and objectives Equip participants to use the statistical analysis for problem solving and decision making
Course Content	Course Key Topic Area Includes: Introduction to Applied Statistics Introduction to SPSS Graphical User Interface Data Cleaning and Management in SPSS Descriptive Statistics Data Visualization Introduction to inferential statistics Parametric/Non-parametric tests Reliability analysis Correlation Analysis Multiple linear regression Logistic Regression



Learning Outcomes	<p>At the end of the program the trainees will be able to:</p> <p>Demonstrate a solid understanding of fundamental data analysis concepts</p> <p>Develop proficiency in using SPSS software for data management, analysis, and visualization.</p> <p>Be able to use SPSS for descriptive and inferential statistical procedures</p> <p>Be able to interpreting and report the SPSS analysis results for problem solving and decision making</p>
Target Audience	<p>Graduate students</p> <p>Research professionals</p> <p>Business Analysts</p> <p>Healthcare/Social Scientist</p> <p>Those interested in professions related to data analysis</p>
Course Material /Technology used/ Details Relevant to the course.	<p>Participants need to use the SPSS software</p> <p>Presentation material will be provided</p>