Schedule for SPSS Workshop

(10th May 2023 to 17th May 2023)

Date	Time	Topic Covered
10/5/2023	7:30 pm to 9:00 pm	Introduction to Statistical Analysis Hands on Practice for Data entry, preparation of variable view, use of define variable properties and Copy data properties, Hands on practice for Insert variable, Insert cases, Go to, Sorting of data, Merging files, Splitting the file, Computing a new variable, Recoding of Data
11/5/2023	7:30 pm to 9:00 pm	Bar chart, Pie chart, Histogram, Frequency curve, Cumulative frequency curve, Box Plot, Scatter Plot
12/5/2023	7:30 pm to 9:00 pm	Measures of Central Tendency, Measures of Dispersion, Measures of Skewness and Kurtosis
13/5/2023	7:30 pm to 9:00 pm	Hands on practice for descriptive statistics, tabular representation and Exploring the data
14/5/2023	11:30 am to 1:30 pm	Parametric and Non-parametric Tests Hands on practice for parametric and non-parametric tests available in SPSS
15/5/2023	7:30 pm to 9:30 pm	A brief introduction to Correlation and Regression analysis along with their assumptions, Selection of best regression equation: Forward selection method, Backward elimination method, Step-wise regression Hands on practice for Correlation and Regression using SPSS
16/5/2023	7:30 pm to 9:00 pm	One-way classification, Two-way classification, Repeated measure ANOVA: One way classification, Random effect models
17/5/2023	7:30 pm to 9:30 pm	Factor Analysis - Exploratory Factor Analysis - PCA and introduction to CFA & an Overview of Eview