

Schedule for SPSS Workshop

(25th Oct 2023 to 1st Nov 2023)

Date	Time	Topic Covered
25/10/2023	8:00 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
26/10/2023	8:00 pm to 9:00 pm	Bar chart, Pie chart, Histogram, Frequency curve, Cumulative frequency curve, Box Plot, Scatter Plot
27/10/2023	8:00 pm to 9:00 pm	Measures of Central Tendency, Measures of Dispersion, Measures of Skewness and Kurtosis
28/10/2023	8:00 pm to 9:00 pm	Hands on practice for descriptive statistics, tabular representation and Exploring the data
29/10/2023	11:00 am to 12:00 pm	Parametric and Non-parametric Tests Hands on practice for parametric and non-parametric tests available in SPSS
30/10/2023	8:00 pm to 9:00 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
31/10/2023	8:00 pm to 9:00 pm	One-way classification, Two-way classification, Repeated measure ANOVA: One way classification, Random effect models
01/11/2023	8:00 pm to 9:00 pm	Factor Analysis - Exploratory Factor Analysis - PCA and introduction to CFA & an Overview of Eview