

# DATA ANALYSIS USING SPSS

Data Analysis and Visualisation

# About the Program



## Beginner`s Guide to Statistical Analysis

This workshop is designed for beginners who wants to know how they can conduct statistical analysis such as regression analysis to assess the causal link among variables of interest. The course will offer step by step practical guide on how to conduct statistical analysis using SPSS & (without much statistical jargons) so that one can grab the context in which they can be applied and run.

**SPSS  
Interface**

**Data  
Analytics**

**Data  
Visualisation**

**Hands-on**





# Program Structure

## DAY 1

- **Session 1: Introduction to SPSS**
- **Session 2: Descriptive statistics and frequencies**
- **Session 3: Hands-on Practice: Generating and analysing graphical presentations**

## DAY 2

- **Session 1: Normality Test, Correlation and Simple Linear Regression**
- **Session 2: Regression with Dummy Variable and SPSS-based analysis**
- **Session 3: Regression assumptions and remedies for violations**
- **Session 4: Hands-on Practice: reporting and interpreting results**



# Why this Program?

- Designed for beginners to learn statistical analysis without heavy jargon.
- Provides step-by-step guidance on using SPSS for real data analysis.
- Teaches descriptive statistics, correlation, and regression techniques.
- Covers regression assumptions and how to handle violations.
- Includes hands-on practice for generating, analysing, and interpreting results.
- Builds practical skills to explore causal relationships among variables.
- Prepares participants to confidently apply SPSS tool in research / policy contexts.



## SPSS Tools & Data Management

- Learn SPSS interface, data handling, and visualization techniques
- Apply descriptive statistics and prepare datasets for analysis

## Analysis & Interpretation

- Conduct correlation and regression analysis with proper assumptions
- Interpret results and generate actionable insights from SPSS outputs





# Program Fee



Our training programs are built specifically for your organization, with flexible pricing based on the number of attendees. Let's design the perfect program for your team — contact us today for a personalised quote!

# Contact Us



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