

Module 2: Data Analysis & Data Visualization

Course Outline

- Data types and data sources
- Data cleaning and preprocessing
- Exploratory Data Analysis (EDA)
- Data visualization principles
- Dashboards and storytelling with data
- Tools overview (Excel, Python, Power BI / Tableau – concept-based)

Learning Outcomes

Learners will be able to:

- Analyze datasets effectively
- Visualize data insights clearly
- Support data-driven decision-making