Data Analytics

Duration – 40 Hours

Program Description

This program provides a comprehensive introduction to Data Analytics, focusing on understanding data, extracting insights, and making data-driven decisions. Participants will learn essential analytics techniques, tools, and visualization methods to analyze business problems and deliver actionable recommendations.

Learning Goals

- Understand the fundamentals of data analytics and its importance in decision-making
- Gain proficiency in data collection, cleaning, and preprocessing
- Learn descriptive, diagnostic, predictive, and prescriptive analytics techniques
- Visualize data effectively using charts, dashboards, and reports
- Develop hands-on skills using popular analytics tools such as Excel, Python, R, and Power BI
- Apply analytics to real-world business scenarios and case studies

Course Topics

- Introduction to Data Analytics
- Data Collection and Cleaning
- Descriptive Analytics
- Diagnostic Analytics
- Predictive Analytics
- Prescriptive Analytics
- Data Visualization and Dashboards
- Tools and Platforms for Analytics
- Business Case Studies and Hands-on Projects

Modules can be customized to suit client's specific needs and duration accordingly