

Data Analytics Course

Course Duration : 40 Hours

Course code : DA-953

1. Course Overview

The Data Analytics Course is designed to help learners understand how to collect, process, and analyze data to make informed business decisions. This course covers essential tools and techniques used in the field of data analytics, including data cleaning, visualization, and statistical analysis.

2. What you'll learn?

- Fundamentals of data analytics
- Data cleaning and preprocessing
- Data visualization techniques
- Working with Excel, SQL, and Python
- Dashboard creation using Power BI
- Data-driven decision making

3. Target Audience

- Beginners interested in data analytics
- Students and fresh graduates
- Business analysts and professionals
- Digital marketers
- Anyone looking to switch careers

4. Pre-Requisites

- Basic computer knowledge
- Understanding of mathematics (basic level)
- No prior coding experience required
- Interest in data and analytics

5. Course Content (Modules)

Module 1: Introduction to Data Analytics

- Data analytics concepts
- Types of data
- Business applications

Module 2: Data Handling & Excel

- Data cleaning techniques
- Excel functions and formulas
- Data manipulation

Module 3: SQL for Data Analysis

- Database concepts
- Writing SQL queries
- Data extraction

Module 4: Python for Data Analytics

- Python basics
- Libraries for data analysis
- Data visualization

Module 5: Power BI & Dashboarding

- Data visualization concepts
- Creating dashboards