

# Data Analytics Training in Gurgaon

**Course Duration : 48 Hours**

**Course code : AI-HYD-801**

## 1. Course Overview

Data Analytics Training in Gurgaon is designed to help learners develop strong analytical skills and gain practical knowledge of data-driven decision-making. This course covers key concepts such as data collection, data cleaning, data visualization, and statistical analysis. Learners will gain hands-on experience using tools like Excel, SQL, Python, and Power BI.

## 2. What you'll learn?

- Fundamentals of data analytics and data processing
- Excel for data analysis and reporting
- SQL for data extraction and manipulation
- Python for data analysis
- Data visualization using Power BI/Tableau
- Real-world project implementation and reporting

## 3. Target Audience

- Students and fresh graduates
- Working professionals looking for career switch
- Non-technical professionals interested in analytics
- IT professionals and developers
- Business analysts and marketing professionals

## 4. Pre-Requisites

- Basic computer knowledge
- Understanding of basic mathematics
- Analytical thinking and problem-solving skills
- No prior coding experience required (beginner-friendly)

## 5. Course Content (Modules)

### **Module 1: Introduction to Data Analytics & Excel**

- Basics of data analytics
- Excel formulas and functions
- Data cleaning and formatting

### **Module 2: SQL for Data Analytics**

- Database concepts
- Writing SQL queries
- Data extraction and filtering

### **Module 3: Python for Data Analysis**

- Python basics
- Libraries: Pandas, NumPy
- Data manipulation and analysis

### **Module 4: Data Visualization**

- Power BI/Tableau basics
- Creating dashboards
- Data storytelling techniques

## Module 5: Projects & Business Case Studies

- Real-time data analytics projects
- Industry use cases
- Final project and presentation

