



# DISCUSS COACHING

NO-1 INSTITUTE IN INDIA

COMPUTER COURSE | ENGLISH SPEAKING COURSE

81-8400-8500 | 9999-1234-70

## COMPLETE DATA ANALYST COURSE SYLLABUS

**4 Months**

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

- What is Data Analytics
  - Role of Data Analyst
  - Types of Data
  - Data Analytics Lifecycle
  - Industry Use Cases
- 

### **Module 2: Computer & Excel Basics**

- Computer Fundamentals
  - MS Excel Interface
  - Data Entry & Formatting
  - Basic Formulas (SUM, COUNT, AVERAGE)
  - Sorting & Filtering
- 

### **Module 3: Advanced Excel**

- VLOOKUP / HLOOKUP / XLOOKUP
  - IF, Nested IF
  - Pivot Tables & Charts
  - Conditional Formatting
  - Data Cleaning in Excel
- 

### **Module 4: Statistics for Data Analysis**

- Mean, Median, Mode
- Standard Deviation & Variance
- Probability Basics
- Correlation
- Regression Basics



# DISCUSS COACHING

NO-1 INSTITUTE IN INDIA

COMPUTER COURSE | ENGLISH SPEAKING COURSE

81-8400-8500 | 9999-1234-70

---

## **Module 5: SQL (Database Management)**

- Introduction to Database
- SELECT, WHERE, ORDER BY
- JOIN (INNER, LEFT, RIGHT)
- GROUP BY & Aggregation
- Subqueries

---

## **Module 6: Power BI / Data Visualization**

- Introduction to Power BI
- Data Import & Cleaning
- Dashboard Creation
- Charts & Graphs
- DAX Basics

---

## **Module 7: Python for Data Analysis**

- Python Basics
- Pandas & NumPy
- Data Cleaning
- Data Visualization (Matplotlib, Seaborn)
- Real Data Handling

---

## **Module 8: Data Cleaning & Preparation**

- Missing Data Handling
  - Duplicate Removal
  - Data Transformation
  - Data Validation
-



# DISCUSS COACHING

NO-1 INSTITUTE IN INDIA

COMPUTER COURSE | ENGLISH SPEAKING COURSE

81-8400-8500 | 9999-1234-70

## **Module 9: Advanced Data Visualization**

- Interactive Dashboards
  - KPI Metrics
  - Business Reports
  - Storytelling with Data
- 

## **Module 10: Business Analytics**

- Business Problem Solving
  - Sales Analysis
  - Customer Analysis
  - Decision Making using Data
- 

## **Module 11: Advanced SQL**

- Window Functions
  - Stored Procedures
  - Query Optimization
  - Indexing
- 

## **Module 12: Advanced Python**

- Automation Scripts
  - API Data Fetching
  - Web Scraping
  - Machine Learning Introduction
- 

## **Module 13: Excel (VBA)**

- Macro Recording
- VBA Basics
- Automated Reports
- Dashboard Automation



# DISCUSS COACHING

NO-1 INSTITUTE IN INDIA

COMPUTER COURSE | ENGLISH SPEAKING COURSE

81-8400-8500 | 9999-1234-70

---

## 🔧 □ Module 14: Tools & Technologies

- Google Sheets
- Tableau Basics
- Power Query
- GitHub (Project Upload)

---

## 🗨️ Module 16: Soft Skills & Professional Training

- Communication Skills
- Presentation Skills
- Interview Skills
- Corporate Behaviour

---

## 📁 Module 17: Projects & Case Studies

- Sales Dashboard Project
- Customer Insights Project
- Business Report Creation
- Real-world Dataset Practice

---

## 🎯 Module 18: Internship & Placement Support

- Live Project Internship
- Resume Building
- Mock Interviews
- Job Assistance help

**Note : Company kaa data per aap kaam karna sikh sakte hai is course ke sath**

Learn with Advance Software