



# DATA ANALYTICS COURSE DETAILS



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NOW!**



**TABLEAU**



**POWER BI**



**SQL**



**PYTHON**

### **COMBO 1**

#### **DATA ANALYTICS - TABLEAU**

TABLEAU + TABLEAU SERVER + SQL + PYTHON

Duration: 60 Hours + Placement Training

Fees: ₹30000

Mode : ONLINE/OFFLINE

### **COMBO 2**

#### **DATA ANALYTICS - POWER BI**

POWER BI + POWER BI SERVICE + SQL + PYTHON

Duration: 60 Hours + Placement Training

Fees: ₹30000

Mode : ONLINE/OFFLINE

### **COMBO 3**

Recommended

#### **DATA ANALYTICS BI COURSE**

TABLEAU + TABLEAU SERVER + POWER BI + POWER BI SERVICE + SQL

Duration: 60 Hours + Placement Training

Fees: ₹30000

Mode : ONLINE/OFFLINE

### **COMBO 4**

Recommended

#### **DATA ANALYTICS MASTER COURSE**

POWER BI + POWER BI SERVICE + POWER APPS + POWER AUTOMATE + SQL

Duration: 90 Hours + Placement Training

Fees: ₹40000

Mode : ONLINE/OFFLINE

### **COMBO 5**

#### **DATA ANALYTICS MASTER COURSE**

POWER BI + POWER BI SERVICE + POWER APPS + POWER AUTOMATE + SQL + TABLEAU + TABLEAU SERVER + PYTHON

Duration: 120 Hours + Placement Training

Fees: ₹50000

Mode : ONLINE/OFFLINE



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# **DATA ANALYTICS**

## **TABLEAU-POWER BI-SQL-PYTHON**

### **TABLEAU – POWER BI SYLLABUS**

**Course Name:** Tableau

**Tools:** Tableau

- Tableau interface demo
- Tableau Products

**Tableau Desktop**

- Data types in tableau
- Types of Connection
- Dimension and measures
- Tableau file extension
- Set, Parameter, Group
- Bin, Hierarchy, Combine
- Sorting, Types of Axis, Maps
- Filters
- Quick Table Calculation
- Analytics Functions
- Number Functions
- Aggregate Functions
- Logical Functions
- String Functions
- Table Calculation Functions
- Window Functions
- Date Functions
- LOD-Level of Detail
- Types of Charts
- Dashboard Functions
- Dashboard Actions
- Data Modeling

**Tableau Server/Online**

- Embedded Data Source
- Published Data Source
- Different site roles
- User controls
- RLS (Row level Security)
- Alert, Subscription, Metrics
- Empty Extract

**Real time Scenarios**

- Dashboard Creation From Scratch

**Course Name :** Power BI

**Tools :** Microsoft Power BI

**M Query**

**Power Query Editor**

- Data types
- Column Tracking
- Split columns
- Choose column
- Keep / Remove Rows
- Append Queries
- Duplicates Queries
- Creating Dim Table
- Join Kind
- Merge Queries
- Join
- Extract
- Format
- Functions

**Data Modeling**

**DAX Functions**

- Data Types
- Basic Functions
- Date Function
- Aggregation Functions
- Logical Function
- Filter Function
- Time Intelligence Function
- Information Function

**POWER BI VISUALAZATION:**

- Dashboards
- Formatting

**POWER BI SERVICE**



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# DATA ANALYTICS TABLEAU-POWER BI-SQL-PYTHON

## PYTHON, SQL, POWER APPS & POWER AUTOMATE SYLLABUS

**Course Name:** Python

**Topics:**

- Introduction
- Literate Programming
- Anaconda Installation Procedure
- Jupyter Notebook Environment
- Python Hello World (Print statement in python)
- Basics
- Strings
- Python Functions
- Conditional Statements
- Iteration
- Lists
- Tuples
- Dictionaries
- Packages and Modules
- Regular Expressions
- File Handling
- File Data Processing
- Sets
- Functional Programming
- Maps in python
- Filters in Python
- Lambdas in Python
- Numpy
- Pandas
- Matplotlib

**Course Name:** Power Automate

**Topics:**

- Automatic Email sent to Gmail account
- Stored attached in one drive
- Automatic mail sent to outlook and started attached file in one drive
- Automatic create new group using forms
- Automatic sent mail to birthday and wedding wishes

**PBI use case**

- PBI Alert to micro soft teams
- Pbi alert to outlook
- Refresh dataset
- Send a note in teams in case of some issues
- Send an email to the support team in some issues

**Course Name:** SQL

**Tools:** Oracle

**Topics:**

- Introduction to sql
- Introduction to databases
- Install a database engine
- Data types
- Operators
- Case manipulation functions
- Character manipulation functions
- Date functions
- Null functions
- Number functions
- General functions
- Aggregate functions/group functions
- Analytical functions
- Data definition language commands
- Data manipulation language commands
- Transaction control language commands
- Data query language commands
- Joins
- Constraints
- Set operators
- View
- Materialized view
- Sub-queries
- Pseudo columns

**Course Name:** Power Apps

**Topics:**

- Introduction and platform details
- dynamic assignment
- variables
- collections
- Function and formulas  
onselect,onclick,upper,lower,Proper,lanch, navigation
- Creating canvas app using SQL and share point
- data validating using SQL and share point
- createing app using forms and gallery
- creating CRUD operation
- creating cascading dropdown
- components
- power bi to power app



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