

Project Based Master Workshop for Data Analytics

Complete Data Analytics trainings with 15 Projects on Real Time Data

Duration: 48 Hours

- **Power Excel**
- **Python Data Analysis**
- **Power Query**
- **SQL**

Projects Covered

Power Excel:

1. Complete Data Analytics on FOODMART data.(8 CSV Files)
2. Interactive Dashboard on Sales Data with Different regions
3. Sales Performance & Marketing Dashboard
4. Store Data Analysis With Insights.

Power Query & Analysis :

1. Capstone Project on Adventure Works Supermarket Dataset
2. Capstone Project on Maven Market Dataset
3. Financial Credit Card Analysis
4. HR data Analytics
5. Sales Data Dashboard with DAX
6. Project Based on Taxi Data.

Python

1. Complete Data Analytics on store Data
2. Data Analytics on Sports Data.
3. Data Analytics on Amazon Forest Data

SQL

1. Data Analysis and insights on Employee data.
2. Data Analysis on Store sales Data

Power Excel

- Data Cleaning
- Connecting to Different Sources
- Data Transformation
- Append & Merge
- Data Modelling
- Data Relationship
- Designing Interactive Dynamic Dashboard

Python Data Analysis

- Python programming Concepts
- Python Data Structures
- Working with Dates & String
- Data Extraction with Pandas
- Data cleaning
- Data Transformation
- Visualizing & analyzing data
- NumPy Array Concepts
- Visualization using Matplotlib
- Visualization using Seaborn

Power Query

- Data Cleaning
- Data Transformations
- working with multiple queries
- Data Modelling
- Creating Reports
- Report Formatting
- Using DAX for insights
- Data Predictions
- Designing Dashboard with Power Bi Service

SQL

- RDBMS Concepts
- DDL Commands
- DCL Commands
- DML Commands
- Writing queries
- Filters
- Data Sorting
- Grouping Data
- Different Joins
- Subquery
- Constraints
- Data Modelling