



## Power BI Course Content

**Module 1: Get Started with Microsoft Data Analytics**

**Module 2: Prepare Data in Power BI**

**Module 3: Clean, Transform, and Load Data in Power BI**

**Module 4: Design a Data Model in Power BI**

**Module 5: Create Model Calculations using DAX in Power BI**

**Module 6: Optimize Model Performance**

**Module 7: Create Reports**

**Module 8: Create Dashboards**

**Module 9: Create Paginated Reports in Power BI**

**Module 10: Perform Advanced Analytics**

**Module 11: Create and Manage Workspaces**

**Module 12: Manage Datasets in Power BI**

**Module 13: Row-level Security**

- Extracting the CSV file, Jason File
- Numpy and Pandas libraries"
- Raw Data Collection process, Data Cleaning and Processing,
- Exploratory Data Analysis – Univariate Analysis, Bi Variate Analysis"
- Cleaning data by Removing Duplicates, Treating Missing values, Treating Outliers
- Exploratory Data Analysis on CSV file"
- Usepowerbi reporting Library for Statistical analysis
- Pandas profiling"

**Understanding the Categorical and Continuous data • Correlation concept • Data visualization using plots**

- PowerBI introduction
- Download and installation of PowerBI"

**Data modeling**



## **PowerBI Desktop Interface**

- **PowerBI Operations**
- **PowerBI Dashboard"**
- **PowerBI Dashboard with Python code integration**