



POWER BI



Programming & development

Basic – 30 Hours

Power BI is a Business Intelligence tool developed by Microsoft. Power BI is a Data Visualization and Business Intelligence tool that converts data from different data sources to interactive dashboards and BI reports. Power BI suite provides multiple software, connector, and services - Power BI desktop, Power BI service. These set of services are used by business users to consume data and build BI reports.

Power BI Course

1. Introduction to Power BI
2. Power BI – Architecture
3. Data Sources
4. Comparison with Other BI Tools
5. Data Modeling
6. Power BI – Dashboard
7. Power BI – Visualization
8. Power BI – Excel Integration
9. Sharing Power BI Dashboards
10. DAX Basic in Power BI
11. DAX functions
12. Power BI – Administration Role

Course Content

Introduction to Power BI

- What is Power BI?
- Introduction to Business Intelligence tool
- Installation of Power BI Desktop

Power BI - Architecture

- Power BI Desktop
- Power BI Gateway
- Power BI Mobile Apps
- Power BI Service

Data Sources

- Databases
 - Import vs DirectQuery
 - Azure
 - Online Services
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Comparison with Other BI Tools

- Power BI vs Tableau
- Power BI vs SSRS

Data Modeling

- Data Modeling and Navigation
- Report, Data, Relationships

Power BI – Dashboard

- Creating Dashboard
- Sharing Dashboards
- Tiles in Dashboard

Power BI – Visualization

- Simple Visualizations
- Map Visualizations

Power BI – Excel Integration

- Excel Data
- Importing Excel Files

Sharing Power BI Dashboards

- Printing Power BI Dashboards
- Publishing Report to Web

DAX Basic in Power BI

- DAX Introduction
 - DAX Functions
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DAX functions

- Aggregate functions
- Counting functions
- Logical functions
- Text functions
- Date functions
- Information functions
- DAX Calculation Types

Power BI – Administration Role

- Purchasing
- Security

