

Power BI –A Complete Package

1. Introduction

Introduction to Power BI
Components of Power BI
Installing Power BI Desktop
Various Options in Power BI Desktop

2. Working with Different Sources (Excel, SQL Server, OData Feed etc.)

Import
Direct Query
Import vs Direct Query
Limitations of Direct Query
Query Editor
Working with Power Query Editor
Relationships (1:1, 1: Many, Many:1)
Basics of M Language

3. Reports Development

Reports Development in Power BI
Working with Different Visuals
Formatting Options in Reports
Working with Filters
Custom Visuals

4. Power BI Service (Power BI service domain account will be provided to hands on Service)

Overview of Power BI Service
Publishing the Reports
Dashboards
Gateways
Enterprise vs Personal Gateway
Work Spaces
Content Packs/ Apps
Security
Schedule Data Refresh
Power BI Premium

5. SSAS Tabular

SSAS Tabular Overview
Install and Configure SSAS Tabular
Building a Tabular Model





- SSAS Tabular as Source
- Live Connections
- Deploy & Processing in Tabular
- SQL Server Agent
- Schedule Processing of Model

6. Data Analysis Expressions (DAX)

- Introduction to DAX
- Calculated Columns
- Measures
- Calculated Columns vs Measures
- Variables
- Table Functions
- Evaluation Contexts
- Calculate
- Time Intelligence in DAX
- Frequently Used DAX functions in Real time
- Calendar Functions

7. Advanced/ Other Power BI Concepts

- Parameters
- Drill Through
- Bookmarks
- Row level Security
- Dynamic Measures
- Dynamic Axis in Charts
- Dynamic Filters
- Power BI Template file
- Wallpapers
- Themes
- Q&A
- Editing the Themes
- Power BI Updates

8. Demo Project

