



Microsoft Power BI

Course description

This course is planned to keep in mind the market challenges so that candidates after completion of this course are prepared well to use this tool confidently. You will be provided with all the necessary tools and kits that will help you understand and use this tool better. You will be provided with sample tools and data that will help you practice and master your skills on this tool.

Student Take away

- Study Material
- Learning stuff
- Sample project for practice

Microsoft Power BI Online Training Curriculum

Introduction

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

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
- Relationships (1:1, 1: Many, Many: 1)

Reports Development

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

Power BI 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

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

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

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

Demo Project