Power BI Course: Instructor : Vasanth Mudigonda

Getting Started with Power BI

1. Introduction Power BI
2. Getting Data
3. Transforming Data
4. Modeling Data for Analysis
5. Enhancing the data model
6. Visualizing Data
7. Refreshing Data

Building Your First Power BI Report

1. Preparing data for Power BI
2. Creating Data models in Power BI
3. Creating Reports

Power BI Data Import Playbook

1. Understanding How Import Fits within the Power BI Model Production Process
2. Connecting to Databases, Data Warehouses, SSAS Cubes, and Power BI Data Models Using Power BI
3. Connecting to Databases through Direct Query
4. Configuring Privacy Levels for Data Sources
5. Connecting to Online Sources Using Power BI
6. Connecting to SharePoint Data
7. Connection to Text and CSV Data Sources from Power BI
8. Loading Data using R Script
9. Importing Excel Data and Workbooks to Power BI
10. Connecting to Web Data Sources from Power BI
11. Storing and Connecting to your office 365 data files
12. Using Blank Queries to create data tables
13. Entering you own data by Hand
14. Creating tables

Power BI Data Preparation Playbook

1. Choosing the right tool for the right job

2. Navigating the query editor
3. Adding and removing steps in your data recipe
4. Accessing the underlying query code
5. Fixing errors in your workflow
6. Extending the query editor with R & Phyton

Modeling Data in Power BI

1. Using the query editor to prepare a Power BI Data Model
2. Exploring additional techniques in the Power BI query editor
3. Enhancing a power BI model with relationships and hierarchies
4. Improving the data model for reporting
5. Using DAX to Enhance a power bi model
6. Working with Dates and Time in Power BI
7. Applying Evaluation Context

Common DAX Expressions and Scenarios Power BI Playbook

1. A Structured Approach to Power BI Design
2. Creating New Text Attributes Product and Channel Dimensions
3. Creating New Data Attributes calendar and Customer Dimensions
4. Creating Metrics from Aggregate Functions
5. Including Calculated Metrics in a Chart or Table
6. Filtering Metrics with Time Intelligent Functions
7. Creating Attributes with Conditional Values
8. Filtering metrics with Conditional values
9. Applying filter functions

Choosing between Multidimensional and Tabular Models in SSAS - Optional

1. Comparing the Fundamental Data Modeling Experiences
2. Choosing the Model Type Based on Data Access and Storage Criteria
3. Comparing the Implementation of Business Logic and Analytical Needs
4. Considering Front-end Tools and Future Sustainability

Creating Dashboards with Power BI

1. Creating your First Dashboard
2. Designing Dashboards for users
3. Building Dashboard content
4. Adding Media to Dashboards
5. Applying themes and styles
6. Managing Dashboards
7. Understanding Data Security Behaviors in Dashboards
8. Sharing and Collaborating with Dashboards

Power BI Playbook: Securing Shared Data with Power BI

1. An Overview of Power BI Security
2. Granting and Denying Access to a Report
3. Implementing Multi-factor Authentication for Power BI
4. Securing access to content using App Workspaces
5. Implementing Row-level Security