

OD20778A: Analyzing Data with Power BI MOD

Course Details

Course Outline

1. Introduction to Self-Service BI Solutions

- Introduction to business intelligence
- Introduction to data analysis
- Introduction to data visualization
- Overview of self-service BI
- Considerations for self-service BI
- Microsoft tools for self-service BI
- **Lab : Exploring an Enterprise BI solution**
- Viewing reports
- Creating a Power BI report
- Creating a Power BI dashboard

2. Introducing Power BI

- Power BI
- The Power BI service
- **Lab : Creating a Power BI dashboard**
- Connecting to Power BI data
- Create a Power BI dashboard

3. Power BI

- Using Excel as a data source for Power BI
- The Power BI data model
- Using databases as a data source for Power BI
- The Power BI service
- **Lab : Importing data into Power BI**
- Importing Excel files into Power BI
- Viewing reports from Excel files

4. Shaping and Combining Data

. Power BI desktop queries

- Shaping data
- Combining data
- **Lab : Shaping and combining data**
- Shape power BI data
- Combine Power BI data

5. Modelling data

- Relationships
- DAX queries
- Calculations and measures
- **Lab : Modelling Data**
- Create relationships
- Calculations

6. Interactive Data Visualizations

- Creating Power BI reports
- Managing a Power BI solution
- **Lab : Creating a Power BI report**
- Connecting to Power BI data
- Building Power BI reports
- Creating a Power BI dashboard

7. Direct Connectivity

- Cloud data
- Connecting to analysis services
- **Lab : Direct Connectivity**
- Direct connectivity from Power BI desktop
- Direct connectivity from the Power BI service

8. Developer API

- The developer API
- Custom visuals
- **Lab : Using the developer API**
- Using custom visuals

9. Power BI mobile app

- The Power BI mobile app
- Using the Power BI mobile app
- Power BI embedded