



MICROSOFT POWER BI



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POWER BI TRAINING

Exam code 70-778 and 70-779

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POWER BI - COURSE CONTENT

Introduction - Power BI Desktop

1. Overview of Power BI
2. Installation
3. Settings

Data Transformations - Power BI Desktop

1. Types of Data Connectors
2. The Query Editor
3. Loading Data
4. Sorting a column or data
5. Date Filter
6. Text Filter
7. Date Transformation Columns
8. Remove Top Rows & Promote Headers
9. Keep Errors and Remove Errors
10. Replace Values and Errors
11. Add Index Number
12. Text to Column
13. Remove Excess Space
14. Time Transformation
15. Fill Down and Fill Up
16. Change Text to Upper, Lower and Proper Case
17. Creating Custom Columns
18. Using If Statement
19. Try Otherwise Statement
20. Rename Steps and Describe Query
21. Introduction of M Queries and Variables
22. Working with Table Functions
23. Extract Columns from Tables
24. Extract Rows from Table
25. Extract Single Value from Tables
26. Group by Feature
27. Adding Conditional Formulas
28. Table Expansions
29. Adding Rank to Customise Table
30. Appending Query
31. Merge Query - All Joins
32. Combine All Worksheets in a Workbook
33. Combine All Workbooks from Folder
34. Date Source Settings

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- 35. Query Refresh Settings
- 36. Pivot and Unpivot
- 37. User Function
- 38. Adding Parameter

Data Modelling - Power BI Desktop

- 1. Introduction
- 2. Data Normalization
- 3. Fact Tables vs Dimension Tables
- 4. Managing Data Relationships
- 5. Relationships vs Merged Tables
- 6. Snowflake vs Star Schemas
- 7. Active vs Inactive Relationships
- 8. Understanding Filter Flow
- 9. Two-way Filters
- 10. Hiding Fields and Tables
- 11. Creating Calculated Columns
- 12. Creating Calculated Measures
- 13. Implicit vs Explicit Measures
- 14. Filter Context
- 15. DAX Syntax & Operators
- 16. Basic Date & Time Functions
- 17. Logical Functions
- 18. Text Functions
- 19. Joining Data with Related
- 20. Calculate & All Functions
- 21. Calculate & Filter Functions
- 22. Creating and Managing Hierarchies
- 23. Using Calculated Tables
- 24. Time Intelligence
- 25. Manually Typing in a Data Table
- 26. Include Exclude

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Visualizing Data with Reports - Power BI Desktop

1. Introduction to Report View
2. Adding Simple Objects
3. Inserting Basic Charts & Visuals
4. Hierarchical Axis and Concatenating
5. Analytics Pane
6. Formatting Options
7. Focus Mode and See Data
8. Map & Filled Map
9. ESRI Map
10. Waterfall Chart
11. Report Filtering Options
12. Table and Matrix Visuals
13. Date Slicers
14. Cards & KPIs
15. Text Cards
16. Treemaps
17. Line & Area Charts
18. Trend Lines & Forecasts
19. Gauge Charts
20. Editing Reporting Interactions
21. Adding Drillthrough Filters
22. Adding Report Bookmarks
23. What if Parameters
24. Managing & Viewing Roles

Power BI Service

1. Overview of Dashboards and Service
2. Uploading to Power BI Service
3. Quick Insights
4. Configuring a Dashboard
5. Adding Textbox, Image Widgets
6. Featured and Favorite Dashboard
7. Filtering Dashboard
8. Dashboard Settings
9. Natural Language Queries
10. Featured Questions
11. Sharing a Dashboard
12. In-Focus Mode
13. Pinning a Live Page
14. Custom URL and Title
15. TV Mode and Collapse Navigation

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16. Printing Dashboard and Exporting Data
17. Export to CSV and Excel
18. Power BI Notifications
19. Alerts in the Power BI Service
20. Personal Gateway
21. Publishing to Web
22. Admin Portal
23. Introduction to Power BI Mobile
24. Scheduled Refresh
25. Row level Security

Working with Excel

1. Importing Excel Data using Simple Table
2. Excel Workbook with Excel Data Model
3. Connecting to Excel Workbook on OneDrive for Business
4. Pinning Excel Tables or Visuals
5. Analyzing Data in Excel

Direct Connectivity

1. Direct Connectivity to SQL Azure
2. Direct Connectivity to SQL Database
3. Interactive API Console
4. Connecting a web page
5. Connecting with pdf