

Power BI Advanced Course



Your learning needs are at
the heart of what we do.

By FourSquare Training



Microsoft Power BI Advanced Topics & Outline: Three-Day Course

We specialise in delivering flexible training programmes and the actual course content, topics and syllabus taught may vary depending upon your learning requirements.

Lesson 1: Power BI Desktop Introduction

1. Download/ Install Power BI Desktop
2. Overview of the software and important terminology
3. Introducing Imports
4. Introducing Visualisations
5. Introducing Filters and Queries
6. Introducing Reports

Lesson 2: Working with Power BI Data Sources

1. Discovering Compatible Data Sources
2. Getting Data from your Data Sources
3. Performing Direct Queries or Importing Data Options
4. Defining Hierarchies based on a single data Table
5. Creating and Managing Tables Relationships
6. Using 'Append' Queries
7. Merging Data Tables

Lesson 3: Working with Power BI Advanced Data Visualisations

1. Creating Visualisations and the different visualisation types available
2. Working with Colour Formatted visuals
3. Setting the Sort Order
4. Working with Scatter Chart and Bubble Chart visuals
5. Editing Visuals with Different Slicer Types (Timeline Slicers & Sync Slicers)
6. Cross Filtering and Highlighting Visualisations
7. Visual, Page and Report Level Filters
8. Drill Mode (Drill Up, Down and Through) for Field Hierarchies
9. Understanding Hierarchies
10. Using Dynamic Reference and Constant Lines for Focus
11. Adding Tables, Matrix Visuals & Conditional Formatting
12. Using KPIs, Cards and Gauges
13. Create, Shape and Use Map Visualisations
14. Working with Custom Visuals
15. Working with Custom Report Themes
16. Grouping Data Points and Defining Bin Sizes
17. The Selection Pane and Bookmarking

Lesson 4: Querying Data with Power BI

1. The Query Editor
2. Working with Filters and Delimiters
3. Transforms
4. Working with 'Pivot' and 'Group By'
5. Creating Custom Calculated Columns
6. Creating Data Tables
7. Adding Conditional Columns





Lesson 5: Data Analysis Expression (DAX)

1. Introducing DAX
2. DAX data types and operators
3. Common DAX functions
4. Referencing other tables in DAX
5. Using the CALCULATE and RANKX functions
6. Using the RELATED, RELATEDTABLE, LOOKUPVALUE functions

Lesson 6: Power BI Reports and Exports

1. Understanding Report Elements and Options
2. Working with Pages
3. Including Graphics in your Reports
4. Report Level Filters
5. Using Report Themes
6. Export Power BI Data to CSV
7. Create a Power BI Template

Lesson 7: Sharing and Publishing Power BI Content

1. The Power BI Service
2. Sharing Dashboards with Internal and External users
3. Sharing Content with Microsoft 365 User Groups
4. Using 'Publish to Web' with Dashboards

Lesson 8: Power BI Workspaces

1. Understanding Workspaces and Collaboration
2. Creating Power BI Workspaces
3. My workspace vs shared Workspace

4. Setting up Permissions and Roles for Workspace Collaboration

Lesson 9: The Power BI App

1. Supported Platforms (iOS, Android, and Windows 10)
2. Creating Dashboards for Mobile Devices
3. Accessing Reports and Dashboards from Mobile Devices

Lesson 10: Power BI Gateways

1. The Power BI Personal Gateway
2. Working with OneDrive
3. Connecting to SharePoint Lists





What our previous learners have to say:

“Delightful”

Power BI Training 3 day course virtual classroom

“Fantastic trainer. Another fabulous course.”

Power BI Training 3 day course Portsmouth

“Very approachable, always willing to answer questions and assist where needed”

Power BI Training 2 day course Edinburgh

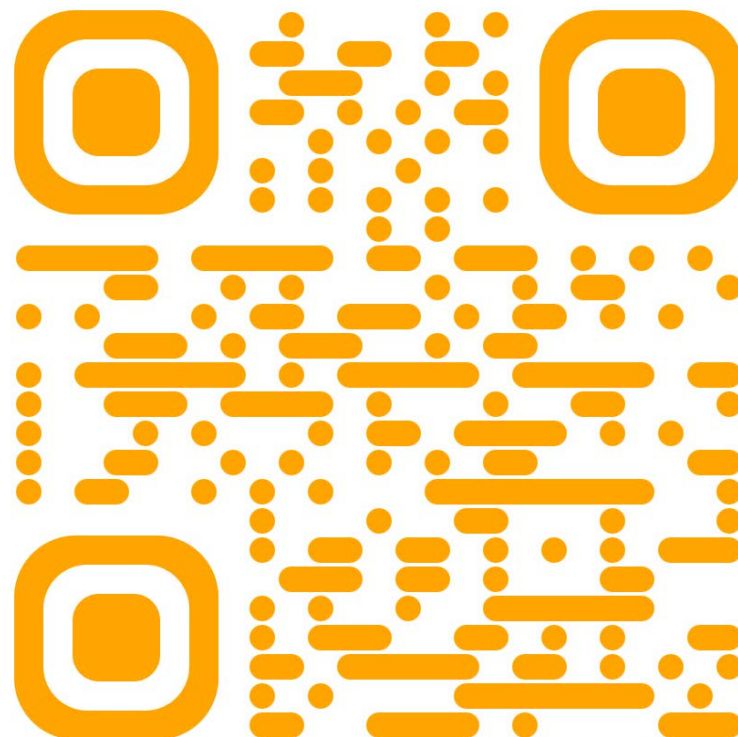
“An absolute pleasure to attend.”

Power BI Training 3 day course Rugby

“Excellent throughout our course. The training was delivered at a perfect pace and the trainer showed he has a wealth of knowledge on the platform but was able to deliver the training to absolute beginners and have them understand the concepts by relating it to their job. First class.”

Power BI Training 3 day course Lanarkshire

**Scan the QR code for more
course information:**



Print responsibly.

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