
Power BI Data Visualisation and Dashboards – One Day Course Agenda

Overview

This introductory course covers connecting to and extracting data, transforming the data, creating powerful reports and dashboards in Power BI and publishing the results. The hands-on sessions is focused on report consumers and report developers and allows for attendees to learn; functionality and appearance, interactivity and navigation, data acquisition modes, creating an app, creating a dashboard, shared workspaces and more.

Target Audience

This course is aimed at all participants who are involved with creating data visualisations in Power BI at the intermediate level.

Learning Outcomes

At the end of this course delegates will have gained the following knowledge and capabilities:

- Understand the Power BI Ecosystem and Terminology
 - Bring Data into Power BI and perform necessary cleaning and transformations.
 - Effectively navigate the Power BI Visualisation Canvas.
 - Select and implement best practice data visualisations
 - Facilitate data stories by configuring visualisation interactions, custom tooltips and drill throughs.
 - Use advanced data visualisation techniques effectively.
 - Publish and share reports and dashboards.
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#	Topic
1.	Introduction to the Power BI Ecosystem and Terminology <ul style="list-style-type: none">• Power BI Desktop• Power BI Service• Reports, Datasets, Dashboards, Apps
2.	Basic Data Wrangling and Shaping <ul style="list-style-type: none">• Navigating Power BI Desktop• Getting Data• Essential data transformations• Custom Measure Creation using DAX
3.	The Power BI Visualisation Canvas <ul style="list-style-type: none">• Navigating the Visualisation Canvas• Creating your Report Template• Selecting and Creating Visuals (Data Vis Best Practice)
4.	Data Storytelling Using Power BI <ul style="list-style-type: none">• Using slicers and the filter pane• Visualisation Interactions• Tooltips• Drill-throughs
5.	Advanced Visualisation Techniques <ul style="list-style-type: none">• The Matrix Visual• Using Indicators and Conditional Formatting• Trendlines and Forecasting• Custom Visualisations from AppSource
6.	Publishing and Sharing Your Reports <ul style="list-style-type: none">• Publishing your report• Refreshing your report data• Sharing your report• Creating 'Dashboards' and 'Apps'
7.	Summary and close