

Microsoft Power BI Level 2 Course Outline

Duration: 1 Day

Take your Power BI expertise to the next level with our Power BI level 2 intermediate training course. Designed for professionals with foundational knowledge, this course focuses on advanced data integration, model optimisation, and creating impactful visualisations. With hands-on exercises, you'll delve into Power Query, advanced DAX, and interactive dashboards, empowering you to make data-driven decisions confidently.

What You'll Learn

- Integrate and transform large datasets using advanced Power Query techniques
- Optimise data models with calculated columns, measures, and advanced relationships
- Create dynamic, interactive visualisations tailored for time-based and complex data analysis
- Leverage DAX formulas for sophisticated calculations and insights
- Share and publish advanced reports and dashboards effectively

Course Prerequisites

To make the most of this intermediate course, we recommend that participants meet the following prerequisites:

- A basic understanding of Power BI, including creating simple reports and visualisations
- Familiarity with working in Microsoft Excel or similar tools for data analysis
- An interest in advancing your skills in Power BI to take your data visualisation and analysis to the next level

Full Course Outline

Advanced Data Integration and Modelling in Power BI

Advanced Data Integration Techniques
Connecting to multiple data sources
Handling large datasets
Optimising data models

Creating Advanced Visualisations

- Advanced customisation of visuals
- Conditional formatting
- Using themes and templates

Interactive Visualisations

- Advanced slicers and filters
- Using bookmarks and selections

Visualising Time-Based Data

- Creating and utilising calendar tables
- Time intelligence basics (Year to Date, Month to Date)

Creating Hierarchies and Drill-Downs

- Designing effective hierarchies
- Implementing drill-down and drill-through

Effective Data Analysis Techniques

- Introduction to DAX formulas
- Basic DAX functions (SUM, AVERAGE, COUNT)
- Introduction to simple calculated columns

Data Transformation with Power Query

- Advanced data cleaning techniques
- Creating custom columns and measures

Optimising and Publishing Reports

- Enhancing report interactivity
- Using tooltips for deeper insights
- Configuring and managing report interactions

Efficient Publishing and Sharing

- Publishing to Power BI Service
- Sharing and collaborating on reports
- Using Power BI apps for report distribution

Optimising Performance

- Best practices for optimising report performance
- Using Performance Analyzer in Power BI

Navigating Power BI Online

- Advanced features of Power BI Service
- Creating and managing dashboards
- Utilising Power BI Q&A for natural language queries

Managing Data Refresh and Security

Setting up scheduled refresh

Implementing row-level security

Training Benefits

Comprehensive training materials: Access detailed notes and exercise files for future reference.

Post-training support: Enjoy three months of assistance via email, phone, or screen sharing for follow-up questions.

Certificate of completion: Celebrate your achievement with a certificate that recognises your effort and skills.

Practical learning environment: Experience hands-on training designed to build confidence and inspire trust.