

## Power BI Desktop Intermediate 1 Day Course

### Overview

This Power BI course is aimed at more experienced Power BI users. The course delves into more complex data relationships, the use of some advanced DAX formulas and queries, working from different data sources, time intelligence, and charts. Delegates will learn how to customise the data model through visualisations and dashboard tiles.

### Audience

Business/Data analysts or anyone who needs to interpret and communicate large quantities of information clearly.

### Course Objectives

At the end of this course, delegates will be able to:

- Use different data sources
- Use Visualisations and Charts to convey data efficiently
- Use more advanced DAX and Time intelligence functions
- Use query parameters
- Design and deploy Dashboards



### Prerequisites

Delegates must have good Power BI and basic DAX knowledge or have attended our Power BI Introduction course.

### Course Contents (1 day)

- **Data Sources**
  - Using Excel, CSV/Text files, Folders and SQL server as data sources
- **Filtering Visualisations**
  - Creating and using Hierarchies
  - Using Drill Down and Drill Through
  - Custom Tooltips
- **Time Intelligence**
  - Time Intelligence Functions
  - Comparison with Previous periods
  - Aggregations over time
- **Advanced DAX functions**
  - ALL
  - FILTER
  - X Functions
  - HASONEVALUE
  - Other functions
- **Using Queries**
  - Creating and using Query Parameters
  - Dealing with errors
- **Charts**
  - Dual- Axis
  - Gauge and Ribbon charts
  - Custom visuals
- **Preparing for Publishing**
  - Adding bookmarks
  - Creating action buttons
  - Setting up User Roles
- **Publishing to the Power BI Service**
  - Publish your Report to PowerBI.com
  - Creating Dashboards
  - Using Quick Insights
  - Using Q&A for interactive data searching

***Course Materials***

Enliten IT will provide each delegate with a workbook and other useful reference materials where applicable. These may be either paper based or in Adobe pdf format or a combination thereof.

Enliten IT reserves the right to modify course content and materials as required in the interests of continuous course improvement, at any time, without notification.

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.