



Power BI

PBICDMD: Data Model Design using Power BI Desktop – Level 2

\$650.00

- 1 Day

Upcoming Dates

Mar 19

Apr 23

May 29

Course Description

This is the second course in TLG Learning's custom Power BI Desktop training series. What makes Power BI for such a vast improvement over simple Excel worksheets is the Power Query engine in both Power BI and Excel. Power Query allows data to be pulled and transformed from multiple data sources. This course is designed for Report Builders who are ready to create custom data models for themselves and for other Power BI Report Users.

Course Outline

Lesson 1: Understanding Power BI Data Queries

- Overview of Power BI Queries
- Power Query
- Data Sources

Lesson 2: Creating and Transforming Data Models

- Understanding a Basic Data Model
- Creating the Initial Data Query
- Converting Raw Data into a Data Model

Lesson 3: Data Transformations

- Query Editor Transformations
- Altering the Data
- Creating new Data
- Refreshing Data

Lesson 4: Accessing Additional Data Sources

- Using an Access database
- Creating a Hybrid Data Model

- Working with Data

Lesson 5: DAX Calculated Columns and Measures

- Review of Calculated Columns
- Power BI Measures
- Evaluation Context
- Optimize Model Performance
- Date Tables

Lesson 6: Introduction to the M Language

- Power BI Functions: M Language
- M Language Syntax
- Adding Columns

Appendices

- Storage Modes (Import vs DirectQuery)
- Dataverse
- Power Query and Query folding

Audience

Prerequisites

Data Analysis using Power BI Desktop – Level 1 – Report Builder

What You Will Learn