Power BI

PBICDMD16: Data Model Design using Power BI Desktop – Level 2

Power BI for the Cloud Data Model Designer training course.

$650.00

- 1 Day

Upcoming Dates

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: Getting Started with Power Query

- Overview of Power BI Query
- Power Query Interface

Lesson 2: Get Data from Data Sources

- Identify and Connect to Data Sources
- Change data source settings
- Storage Modes (Import vs DirectQuery)
- Dataverse

Lesson 3: Prepare the Data

- Building Master and Source Tables
- Query Editor Transformations
- Date Tables
- Modeling View & Features

Lesson 4: Model Data – Creating a Data Model

- DAX Measures
- Creating Measures

- Best Practices

Lesson 5: DAX Calculated Columns and Measures

- Review of Calculated Columns
- Power BI Measures
- Evaluation Context
- Optimize model performance

Lesson 6: Power BI Functions – M Language

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

Audience

This course is designed for students who want to take advantage of the cloud service reporting features of Power BI.

Prerequisites

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

What You Will Learn