



## Power BI

### **PBICRB16: Data Analysis using Power BI Desktop – Level 1 – Report Builder**

Power BI for the Cloud 2-day report building training course.

\$1,100.00

- 2 Days

## Upcoming Dates

### Course Description

This is the first course in TLG Learning's exclusive Data Analysis using Power BI Desktop series. This course lays the foundation for Power BI Report Builders. Report Builders will learn everything they need to create highly effective stand-alone and multi-page narrative reports using data sources that are created using Power BI Desktop. This course covers the use of both the Power BI Desktop application as well as the Power BI Service.

### Course Outline

#### **Lesson 1: Introducing Power BI**

- Power BI as Part of Power Apps
- What is Power BI
- Power BI Overview

#### **Lesson 2: Understanding Power BI Data Models**

- Understanding Data Terminology
- Data Normalization
- Understanding Tables & Relationships
- Diagnosing Data Models, Data Model Schemas

#### **Lesson 3: Defining a Report**

- Power BI Reports
- Report Objectives
- Data-Driven Narrative

#### **Lesson 4: Building Power BI Desktop Reports**

- Working with managed data
- Creating Visuals

- Formatting and Organizing Visuals
- Sharing

### **Lesson 5: Report Actions & Filtering**

- Drill-Down, Drill-Through and other Data Actions
- Filters
- Visual Interactions
- Bookmarks and Buttons

### **Lesson 6: Report Data**

- Data Queries vs Data Models
- Modifying Report Data

### **Lesson 7: Data Model Functions**

- Calculated Columns
- What is DAX?
- Row Level Security

### **Lesson 8: Connecting to Power BI Service**

- Power BI Service Interface
- Publish PBIX Reports and Get Data
- Creating your own Workspace
- Connecting to Data Sources
- Refreshing Power BI Data
- Power BI service Report Interface Components

### **Lesson 9: Building Power BI Service Dashboards**

- Building Dashboards
- Organizing Dashboard Elements

### **Lesson 10: Service Analytics Features**

- Dashboard Q & A
- Quick Insights

### **Lesson 11: Sharing Reports & Dashboards**

- Sharing Content
- Managing App Workspaces & Adding Content

### **Lesson 12: Bonus Activity – Putting it all Together**

- Power BI Roles

## **Audience**

## **Prerequisites**

Basic experience with Microsoft Office, Microsoft Excel, and using Web Browsers. General understanding of basic database concepts is useful, but not required.

## **What You Will Learn**