Price:	$ 795
Length:	14 Hours (2 days)

Introduction: This two-day instructor-led course provides students with the knowledge and skills to analyze data with Power BI.

Target Audience: The primary audience for this course is BI professionals who need to analyze data utilizing Power BI. The secondary audience for this course is technically proficient business users.

Prerequisites: This course requires that you meet the following prerequisites:
- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Basic knowledge of data warehouse schema topology (including star and snowflake schemas).
- Some exposure to basic programming concepts (such as looping and branching).
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.
- Familiarity with Microsoft Office applications – particularly Excel

Objectives: At the end of the course, students will be able to:
- Describe key features of a self-service BI solution
- Describe Power BI and its data sources
- Model, shape, and combine data
- Describe Power BI data visualizations

Course Outline

I. **Introduction to Self-Service BI Solutions**
   A. Introduction to business intelligence
   B. Introduction to data analysis
   C. Introduction to data visualization
   D. Overview of self-service BI
   E. Considerations of self-service BI
   F. Microsoft tools for self-service BI

II. **Introducing Power BI**
   A. Power BI
   B. The Power BI service
   C. Power BI mobile apps

III. **Power BI Data**
   A. Using Excel as a Power BI data source
   B. Using databases as a Power BI data source
   C. The Power BI service

IV. **Shaping and Combining Data**
   A. Power BI desktop queries
   B. Shaping data
   C. Combining data

V. **Modelling Data**
   A. Relationships
   B. DAX queries
   C. Calculations and measures

VI. **Interactive Data Visualizations**
   A. Creating Power BI reports
   B. Managing a Power BI solution