Course Title: Power BI: Advanced Data Modeling & Shaping	**Course Duration**: 1.0 Day
Exam: Not Included	**Exam Type**: Proctored Exam
Qualification: Power BI: Advanced Data Modeling & Shaping Certificate	

Course Syllabus

Our Power BI: Advanced Data Modeling & Shaping training course will cover the following Modules:

Module 1: Data Modeling Basics – Getting the Data

Module 2: Getting Started with M (Power Query Language) and Relationship Between Tables

Module 3: Fact Table, Introduction to DAX Calculated Columns and Measures

Module 4: Working with Parameters and Introduction to DAX

Module 5: Working with Functions - DAX CALCULATE Function, Custom Functions and Time Intelligence Functions

Module 6: Modeling with Power BI and DAX Best Practices (Data Modeling, Optimisation Techniques)

Module 7: Summary, Wrap-up, and Questions

Course Overview

Our one-day Power BI: Advanced Data Modeling & Shaping training course will teach you the tools and practices of data modeling and shaping in Power BI including the Data Analysis Expressions (DAX) formulas and the Power Query M language. Enabling you to transform and structure your data to meet specific analytical requirements.

Course Learning Outcomes

Our Power BI: Advanced Data Modeling & Shaping training course will teach you to become proficient in the following:

- Learn how to import data into Power BI from various sources, including XLS and CSV files
- Create data queries using Power BI’s toolbar navigations and Advanced Editor
- Apply your knowledge in hands-on learning labs
- Follow a curriculum based on Microsoft Official Courseware
- Continue learning and face new challenges with after-course one-on-one instructor coaching

Audience

Our Power BI: Advanced Data Modeling & Shaping training course is open to everyone but may appeal to the following professions including but not limited to:

- Business Analysts
- Data Analysts
- Data Scientists
- Business Intelligence Professionals
- Data Professionals
- Power BI Users
- IT Professionals

Entry-Level Requirements

There are no entry-level requirements for our Power BI: Advanced Data Modeling & Shaping training course.

Recommended Reading

Our Power BI: Advanced Data Modeling & Shaping training course has no recommended reading.

What's Included

Our one-day Power BI: Advanced Data Modeling & Shaping includes the following:

- Pre-reading
- Course Manual
- Quizzes
- Exercises
- Microsoft Official Courseware
- Hands-on learning labs included
- After-course coaching available

Exam Information

Power BI: Advanced Data Modeling & Shaping Exam:

- Format: Multiple Choice
- Questions: 40
- Pass Mark: 70%

What's Next

You may enjoy our three-day Introduction To Power BI training course.

Our Three-day Introduction To Power BI training course will give you all the skills you need to jump-start your Power BI journey. This course will cover in depth, the industry-recognised steps from raw data to detailed analysis via five main stages:

- Loading data into Power BI from a wide range of data sources, such as CSV and XLS files
- Transforming data using Data Analysis Expressions (DAX), M, and Power Query languages
- Creating and extending a comprehensive data model with DAX

- Visualising data in Power BI desktop using built-in tools
- Sharing and collaborating with the Power BI service or Power BI server

Additional Information

Our Power BI: Advanced Data Modeling & Shaping training course offers several benefits including but limited to:

- **Deeper Data Analysis**: Advanced data modeling and shaping techniques in Power BI allow you to transform raw data into meaningful insights.
- **Enhanced Visualization**: By mastering advanced modeling and shaping, you can create more sophisticated visualisations in Power BI.
- **Improved Data Quality**: Advanced data shaping techniques help you clean and standardise your data, ensuring its accuracy and consistency.
- **Complex Calculations**: Advanced data modeling allows you to create complex calculations using the Data Analysis Expressions (DAX) language.
- **Efficient Data Preparation**: Power BI's advanced data shaping capabilities help streamline the data preparation process.
- **Career Advancement**: Mastering advanced data modeling and shaping in Power BI can boost your career prospects.
- **Flexibility and Adaptability**: Learning advanced data modeling and shaping techniques gives you the flexibility to work with various data sources and adapt to changing business requirements.