



Course Title: Power BI Advanced Features	Course Duration: 1.0 Day
Exam: Not Included	Exam Type: Proctored Exam
Qualification: Microsoft Certified: Data Analyst Skills	

Course Syllabus

1. Power Query ® Transform Data

- More Transformations
- Merge Queries, Append Queries
- Connect to other Data Sources

2. Data Model ® Manage

- Using Calendar Tables to enable Time Intelligence
- Group Items (Group/Bin)

3. DAX Formulas

- Popular DAX Functions (COUNTROWS, RELATED®)
- Override Filters (CALCULATE, ALL etc.)
- Time Intelligence (YEAR-TO-DATE etc.)

4. Building Dynamic Reports

- Filtering and Slicers
- Interactions between Visuals, Drill-Down
- Other Visual Elements (Text Box, Shape, Image etc.)

5. Visualisations

- Formatting Visuals
- Conditional Formatting
- Custom Visuals

6. Power BI Service

- Workspaces and Sharing
- Handling Datasets, Reports and Dashboards

Course Overview

This course dives into advanced Power BI capabilities, including complex data modeling, advanced DAX calculations, dynamic reporting, and performance optimization. Learners will gain practical skills for building enterprise-grade Power BI solutions that deliver actionable insights.



Course Learning Outcomes

By the end of this course, learners will be able to design and optimize complex data models, create advanced DAX measures and calculations, implement row-level security, build dynamic and interactive reports and dashboards, and apply best practices for performance tuning and advanced analytics in Power BI. These skills enable users to extract deep insights from business data and support data-driven decision-making at an organizational level.

Audience

Data analysts, BI developers, report creators, and professionals seeking to enhance their Power BI expertise

Entry-Level Requirements

Basic Power BI knowledge, familiarity with data modeling concepts, and experience with DAX basics

Recommended Reading

Microsoft Docs: Power BI Advanced Modeling

What's Included

Course slides, Sample datasets and Practice dashboards

Exam Information

This course supports preparation for the **Microsoft PL-300: Data Analyst Associate** certification exam. The exam tests advanced skills in data modeling, DAX, report design, and analytics in Power BI. It includes multiple-choice, scenario-based, and practical exercises to validate the learner's ability to create scalable and insightful Power BI solutions for real-world business problems.

What's Next

After this course, learners can pursue specialized BI and analytics courses, including Power BI Performance Optimization, AI integrations, and advanced data analytics using Azure and Power BI.

Additional Information

Prerequisites

Part 1: Power BI Essentials