

Exam**Microsoft Certified: Power BI Data Analyst Associate (PL-300)**

Course Overview

This course covers the various methods and best practices that are in line with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. The course will show how to access and process data from a range of data sources including both relational and non-relational sources.

Finally, this course will also discuss how to manage and deploy reports and dashboards for sharing and content distribution.

Audience Profile

The audience for this course are expected to be data professionals and business intelligence professionals who want to learn how to accurately perform data analysis using Power BI.

This course is also targeted toward those individuals who develop reports that visualize data from the data platform technologies that exist on both in the cloud and on-premises.

Certification

Certificate of completion

Pre-Requisites

Required:

- Basics of using a Windows-based computer.
- Excel Basic
- Excel Advanced
- PL-900: Power Platform Fundamentals

Power BI Data Analyst Overview

Get started with Microsoft data analytics

- Discover Data Analysis
- Getting started building with Power BI

Prepare data for analysis with Power BI

- Get Data in Power BI
- Clean, transform, and load data in Power BI

Model data with Power BI

- Describe Power BI Desktop models
- Choose a Power BI model framework
- Design a semantic model in Power BI
- Write DAX formulas for Power BI Desktop models
- Add measures to Power BI Desktop models
- Add calculated tables and columns to Power BI Desktop models
- Use DAX time intelligence functions in Power BI Desktop models
- Optimize a model for performance in Power BI
- Enhance Power BI model security

Build Power BI visuals and reports

- Scope report design requirements
- Design Power BI reports
- Configure Power BI report filters
- Enhance Power BI report designs for the user experience
- Perform analytics in Power BI
- Create paginated reports

Exam

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Manage workspaces and datasets in Power BI

- Create and manage workspaces in Power BI
- Manage semantic models in Power BI
- Create dashboards in Power BI
- Implement row-level security