

# COURSE OUTLINE

PL-300T00

Silver  
Microsoft  
Partner

## Microsoft Power BI Data Analyst

DURATION	LEVEL	TECHNOLOGY		DELIVERY METHOD	TRAINING CREDITS
3 Days	Intermediate	Microsoft	Power Platform	ILT/VILT	NA

### 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 is 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.

#### Job role

Data Analyst

#### Exam Requirements

PL-300

#### Prerequisites

Successful Data Analysts start this role with experience of working with data in the cloud.

#### Specifically:

- Understanding core data concepts.
- Knowledge of working with relational data in the cloud.
- Knowledge of working with non-relational data in the cloud.
- Knowledge of data analysis and visualization concepts.

## Course Topics

- Discover data analysis.
- Get started building with Power BI
- Get data in Power BI
- Clean, transform, and load data in Power BI
- Design a data model in Power BI
- Introduction to creating measures using DAX in Power BI
- Optimize a model for performance in Power BI
- Work with Power BI visuals
- Create a data-driven story with Power BI reports.
- Create dashboards in Power BI
- Perform analytics in Power BI
- Work with AI visuals in Power BI
- Create and manage workspaces in Power BI
- Manage datasets in Power BI
- Implement row-level security