

**Microsoft Power BI Data Analyst (PL-300)**

**Course Number:** MOC-PL-300
**Duration:** 3 days

**Overview**

This official Microsoft course, PL-300: Power BI Data Analyst, replaces DA-100 and teaches attendees the methods and best practices that align with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. In this course, students learn how to access, clean up, and present data from a range of data sources, including both relational and non-relational data, then deploy their reports and dashboards for sharing and distribution. Participants also learn how to implement proper security standards and policies across the Power BI spectrum. This course prepares students for Power BI certification by passing the [PL-300 exam](https://docs.microsoft.com/en-us/learn/certifications/exams/PL-300), for which every attendee receives a voucher.

**Note:** For attendees new to reporting, we recommend expanding this class to 4 days.

**Prerequisites**

All attendees should have at least a basic understanding of relational database concepts, such as tables and keys. Prior experience writing SQL SELECT statements is helpful but not required.

**Materials**

All Microsoft Power BI training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computer for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will be fine.

**Objectives**

* Understand the methods and best practices that are in line with business and technical requirements for modeling, visualizing, and analyzing data with Power BI
* Access and process data from a range of data sources, including both relational and non-relational sources
* Manage and deploy reports and dashboards for sharing and content distribution

**Outline**

* Introduction
* 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
* Conclusion