Training: Microsoft

PL-300T00: Design and manage analytics solutions using Power BI

Microsoft Partner

TRANING TERMS

2026-12-15 | 3 days | Virtual Classroom

TRAINING GOALS:

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 at those individuals who develop reports that visualize data from the data platform technologies that exist both in the cloud and on-premises.

Skills earned upon completion:
- Implement advanced data visualization techniques using Power BI

CONSPECT:

- Get started with Microsoft data analytics
  - Module 1: Explore key data concepts
  - Module 2: Explore the Microsoft analytics approach
  - Module 3: Get started building with Power BI
  - Module 4: Get data in Power BI
- Prepare data for analysis with Power BI
  - Module 1: Get data from various data sources
  - Module 2: Clean, transform, and load data in Power BI
  - Module 3: Design a data model in Power BI
- Model data with Power BI

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- Module 1: Design a data model in Power BI
- Module 2: Create measures using DAX in Power BI
- Module 3: Create calculated columns and tables using DAX in Power BI
- Module 4: Use advanced DAX patterns in Power BI
- Module 5: Optimize a model for performance in Power BI
- Module 6: Create Power BI model relationships
- Module 7: Use calculation groups in Power BI

- Design effective reports in Power BI
  - Module 1: Design Power BI reports
  - Module 2: Configure Power BI report filters
  - Module 3: Design Power BI report visuals
  - Module 4: Design Power BI dashboards
- Manage and secure Power BI
  - Module 1: Manage Power BI assets
  - Module 2: Share Power BI assets
  - Module 3: Monitor Power BI
  - Module 4: Implement Power BI security
  - Module 5: Deploy Power BI content

REQUIREMENTS:

Understanding of core data concepts. Experience working with data in spreadsheets or databases.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion).

This course will help prepare you for the **Microsoft Certified: Power BI Data Analyst Associate** certification exam (Exam PL-300), which is available through the Pearson VUE test centers.

TRAINER:

Microsoft Certified Trainer (MCT)

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