Microsoft Power BI Data Analyst

Course Duration: 24 Hrs.   **Course Code: 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.

What you'll learn?

The PL-300 certification validates your ability to analyze data and create interactive reports using Microsoft Power BI, equipping you with skills in data modeling, visualization, and report creation.

Target Audience

The target audience for the Microsoft PL-300: Microsoft Power BI Data Analyst course includes data analysts, business intelligence professionals, and report creators who want to validate their skills in analyzing data and creating visualizations with Power BI.

Pre-Requisites

❖ Basic Data Concepts: Understanding of data analysis and visualization principles.

❖ Power BI Familiarity: Experience using Power BI, including Power Query and Data Analysis Expressions (DAX).

❖ Data Handling: Knowledge of working with relational and non-relational data, both on-premises and in the cloud.

❖ Business Acumen: Ability to identify business requirements and deliver actionable insights through data.

Course Content

Module-01 Get started with Microsoft data analytics

- Discover data analysis

- Get started building with Power BI

Module-02 Prepare data for analysis with Power BI

- Get data in Power BI

- Clean, transform, and load data in Power BI

Module-03 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

- Enforce Power BI model security

Module-04 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

Module-05 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

Exam Preference

Exam Code	PL-300
Exam Duration	100 minutes
Total Score	1000
Passing Score	700