Why Learn Microsoft Power BI Data Analyst

The Power BI data analyst collaborates with key stakeholders across verticals to identify business requirements, cleans and transforms the data, and then designs and builds data models by using Power BI.

The Power BI data analyst provides meaningful business value through easy-to-comprehend data visualizations, enables others to perform self-service analytics, and deploys and configures solutions for consumption.

Audience Profile :

- Business Intelligence Professionals
- Data analysts
- IT Managers
- Professionals who use Power BI
- Data Scientists
- Professionals Managing Data for Decision-making
- Individuals who want to gain a clear understanding of the Microsoft Power BI Tool

Prerequisites:

- Understanding core data concepts.
- Familiarity with Microsoft Office applications – particularly Excel.
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.

Course Overview:

- PL-300T00: Microsoft Power BI Data Analyst Course
- In today's evolving business landscape, for organizations to stay relevant and competitive, it is critical to embrace cloud solutions such as Azure to ensure business continuity at all costs.
- With data analysis becoming one of the critical processes in enterprises across industry sectors, it is imperative for enterprises to utilize untapped data assets spread across physical, cloud, and hybrid environments.
- Through this PL-300 training, participants will gain complete knowledge of driving business value through data visualizations that are easy to understand and help other stakeholders to perform self-service analytics, configure, and deploy solutions for consumption.

Microsoft Power BI Data Analyst Outline:

- Module 1: Get Started with Microsoft Data Analytics
- Data Analytics and Microsoft
- Getting Started with Power BI
- Module 2: Getting Data in Power BI
- Data Analytics and Microsoft
- Optimize Performance
- Resolve Data Errors
- Lab : Preparing Data in Power BI Desktop
- Module 3: Clean, Transform, and Load Data in Power BI
- Shaping the Data
- Profiling the Data
- Enhance the data structure
- Lab : Loading Data in Power BI Desktop
- Module 4: Design a Data Model in Power BI
- Introduction to data modeling
- Working with tables
- Dimensions and Hierarchies
- Lab : Data Modeling in Power BI Desktop
- Module 5: Create Model Calculations using DAX in Power BI
- Introduction to DAX
- Real-time dashboards
- Advanced DAX
- Module 6: Optimize Model Performance in Power BI
- Optimize the data model for performance
- Optimize Direct Query Models
- Module 7: Create Reports in Power BI
- Design a report
- Enhance the report
- Lab : Enhancing reports with interaction and formatting in Power BI Desktop
- Lab : Designing a report in Power BI Desktop
- Module 8: Create Dashboards in Power BI
- Create a Dashboard
- Real-time Dashboards
- Enhance a Dashboard
- Lab : Creating a Dashboard in Power BI Service
- Module 9: Identify Patterns and Trends in Power BI
- Advanced Analytics
- Data Insights through AI visuals
- Lab : Data Analysis in Power BI Desktop
- Module 10: Create and Manage Workspaces in Power BI
- Creating Workspaces
- Sharing and Managing Assets
- Module 11: Manage Files and Datasets in Power BI
- Parameters
- Datasets
- Module 12: Row-level Security in Power BI
- Security in Power BI

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