

POWERBI ASSGINMENT 03-09-2025

1. What is Power BI?

Power BI is a Business Intelligence (BI) and data visualization tool developed by Microsoft. It allows users to connect to different data sources, clean and transform data, and create interactive dashboards.

With Power BI, organizations can make better decisions using data insights.

2. Who developed Power BI?

Power BI was developed by **Microsoft** in 2014.

It was built to make business intelligence more accessible and user-friendly.

Today, it is one of the most widely used BI tools globally.

3. Why do we use Power BI?

We use Power BI to analyze and visualize business data in an easy-to-understand way.

It helps in turning raw data into meaningful insights through charts and dashboards.

This supports better decision-making and improves business performance.

4. What are the main components of Power BI?

The key components are Power BI Desktop, Power BI Service (Cloud), and Power BI Mobile.

Other parts include Power BI Gateway (for data refresh) and Power BI Report Server (for on-premise reports).

Together, they provide a complete BI ecosystem for organizations.

5. What is Power BI Desktop?

Power BI Desktop is a free application installed on a Windows computer.

It is mainly used for creating reports, data modeling, and designing dashboards.

Once created, reports can be published to the Power BI Service for sharing.

6. What is Power BI Service?

Power BI Service is a cloud-based platform hosted by Microsoft.

It allows users to publish, share, and collaborate on reports and dashboards online.

It also supports scheduled data refresh and real-time dashboarding.

7. What is Power BI Mobile?

Power BI Mobile is an app available on Android, iOS, and Windows devices.

It helps users access, view, and interact with reports and dashboards on the go.

This makes data insights available anytime, anywhere.

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8. What is the difference between Power BI Desktop and Power BI Service?

Power BI Desktop is used to create, model, and design reports locally on a computer. Power BI Service, on the other hand, is used to publish, share, and collaborate online. In short, Desktop is for report building, while Service is for sharing and collaboration.

9. What are the key features of Power BI?

Some key features include interactive visualizations, data connectivity, and easy sharing. It supports real-time dashboards, natural language Q&A, and AI-powered analytics. These features make it powerful yet simple for both beginners and professionals.

10. What types of data sources can Power BI connect to?

Power BI supports a wide variety of data sources like Excel, CSV, and SQL Server. It also connects to cloud services like Azure, Google Analytics, and Salesforce. This flexibility makes it suitable for almost all business data needs.

11. What is a visualization in Power BI?

A visualization is a graphical way of representing data, like charts, maps, or graphs. It makes complex data easier to understand and analyze. Visuals are the core of Power BI dashboards and reports.