1.What is PowerBI and What are the various Platforms of Power BI?

Ans.

Power BI is a business analytics tool developed by Microsoft. It allows users to create interactive reports and dashboards with data visualization capabilities. Users can connect to various data sources, including databases, spreadsheets, cloud services, and web APIs, to gather data and analyze it in meaningful ways.

The various platforms of Power BI include:

1. **Power BI Desktop**: This is the primary tool used to create reports and dashboards. It's a free application that you can download and install on your computer. Power BI Desktop provides a range of data connectivity options, data preparation tools, and visualization capabilities to create insightful reports.
2. **Power BI Service**: Also known as Power BI Online, this is a cloud-based service where you can publish, share, and collaborate on Power BI reports and dashboards. It allows users to access reports from anywhere using a web browser or mobile device. Power BI Service offers additional features such as scheduled data refresh, alerts, and usage metrics.
3. **Power BI Mobile Apps**: Power BI offers mobile apps for iOS, Android, and Windows devices. These apps allow users to view and interact with Power BI reports and dashboards on the go. Users can explore data, receive notifications, and stay informed about key insights from their mobile devices.
4. **Power BI Report Server**: This is an on-premises report server solution for organizations that prefer to keep their data and reports within their own infrastructure. Power BI Report Server allows users to host and manage Power BI reports and dashboards on their own servers while still benefiting from Power BI's visualization and data analytics capabilities.

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