**Q.1) What is Power-BI and What are the various Platforms of Power BI?**

Power BI is a business analytics tool developed by Microsoft that allows users to visualize data, share insights across their organization, or embed them in an app or website. It provides interactive visualizations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards.

**Various Platforms of Power BI**

**Power BI Desktop:**

A free application that you can install on your local computer. Used for data exploration, data modelling, and creating detailed reports. Allows for importing data from various sources, transforming it using Power Query, and creating visualizations. Once a report is ready, it can be published to the Power BI Service.

**Power BI Service (PowerBI.com):**

A cloud-based service, also known as Power BI Online. Allows users to share and collaborate on reports and dashboards. Supports creating dashboards from reports published from Power BI Desktop. Provides features like data refresh, natural language queries, and alerts. Different licensing models: Free, Pro, and Premium.

**Power BI Mobile:**

Mobile apps available for iOS, Android, and Windows devices. Allows users to access and interact with Power BI reports and dashboards on the go. Supports touch-enabled interactions and mobile-optimized reports.

**Key Features Across Platforms**

**Data Connectivity:**

Ability to connect to a wide range of data sources including SQL Server, Azure, Excel, SharePoint, and third-party databases.

**Data Transformation:**

Tools for cleaning, transforming, and integrating data from multiple sources using Power Query Editor. Interactive Visualizations: Wide variety of charts, graphs, and maps to create interactive and compelling data visualizations.

**Collaboration and Sharing:**

Options for sharing reports and dashboards with colleagues, setting up data refresh schedules, and collaborating in real-time.