Power BI -3

1. List and explain different PowerBi products?

**Power BI Desktop[[12]](https://en.wikipedia.org/wiki/Microsoft_Power_BI" \l "cite_note-12)**

The Windows desktop-based application for PCs and desktops, primarily for designing and publishing reports to the Service.

**Power BI Service**

The [SaaS-based (software as a service)](https://en.wikipedia.org/wiki/Software_as_a_service) online service. This was formerly known as Power BI for Office 365, now referred to as PowerBI.com, or simply Power BI.

**Power BI Mobile Apps**

The Power BI Mobile apps for Android and iOS devices, as well as for Windows phones and tablets.

**Power BI Gateway**

Gateways are used to sync external data in and out of Power BI and are required for automated refreshes. In Enterprise mode, can also be used by [Power Automate](https://en.wikipedia.org/wiki/Power_Automate) (previously called Flows) and PowerApps in Office 365.

**Power BI Embedded**

Power BI [REST API](https://en.wikipedia.org/wiki/REST_API) can be used to build dashboards and reports into the custom applications that serves Power BI users, as well as non-Power BI users.

**Power BI Report Server**

An [on-premises](https://en.wikipedia.org/wiki/On-premises_software) Power BI reporting solution for companies that won't or can't store data in the cloud-based Power BI Service.

**Power BI Premium**

Capacity-based offering that includes flexibility to publish reports broadly across an enterprise, without requiring recipients to be licensed individually per user. Greater scale and performance than shared capacity in the Power BI Service

1. What limitations of Excel, Microsoft solved by PowerBi?

Excel has limitations in the amount of data it can work with. In contrast, Power BI can handle much larger amounts of data. Power BI can connect to a large number of data sources, while Excel's **connectivity capacity is limited**. Also, unlike Excel, Power BI can be easily used from mobile devices

1. Explain PowerQuery?

With Power Query (known as Get & Transform in Excel), **you can import or connect to external data, and then shape that data**, for example remove a column, change a data type, or merge tables, in ways that meet your needs.

1. Explain PowerMap?

A power map **lets you discover insights you might not see in traditional two-dimensional (2-D) tables and charts**. With Power Map, you can plot geographic and temporal data on a 3-D globe or custom map, show it over time, and create visual tours you can share with other people.

1. Explain the updates done in Power Bi Service(power BI 2.0) as compared to older version ?

**The format pane gets a makeover**

Two new navigators: Page and bookmark navigators

New dashboard visual and new visuals available in the AppSource