

Assignment - 8.

Q1. List and explain different PowerBI products?

Ans: Microsoft PowerBI is a collection of tools used to import, aggregate and present data in the form of immersive and easy-to-digest report & visuals.

- Power BI Desktop: Windows application
- Power BI Service: online, SaaS
- Power BI Mobile: Mobile app
- Power BI Report Builder: Creation of paginated reports
- Power BI Report Server: on-premises report server
- Power BI Embedded: Service to embedded visuals

Q2. What limitations of Excel, Microsoft solved by PowerBI?

Ans: Excel has limitation in the amount of data it can work with. In contrast, PowerBI can handle much larger amount of data. PowerBI can connect to a large number of data source, while Excel connectivity capacity is limited.

PowerBI can be easily used from mobile devices.

Q3. Explain PowerQuery?

Ans: It is a data transformation & data preparation engine. Power Query comes with a graphical interface for getting data from source and a



Power Query editor for applying transformations. Because the engine is available in many products and services, the destination where the data will be stored.

Using Power Query, you can perform the Extract, Transform and Load (ETL) processing of data.

Q4 Explain Power Map?

Ans: Maps represent the location of any place, which uses coordinates or latitudes and longitude to displace a place on a map. In Power BI, it is integrated with Bing maps. Bing is a search engine like Google.

The map is a kind of vision part of Power BI Visualization SW. Using the visual, we can show geographic-based or location data values on respective area of the map according to the location name.

Q5: How Power BI eliminated the need to host Sharepoint Server on premises?

Ans: Sharepoint is an important part of how many organizations organize and distributed BI Content to users. In recognition of how important this approach.

Power BI webpart for Sharepoint online and an updated Reporting Service Report viewer webpart for Sharepoint on-premises.



Q6. Explain the updates done in powerbi service as compared to older version?

Ans:- The latest version has more robust features. and it is famous with the name power BI. Desktop. This is an all in one BI™ for power view power pivot and Power Query in the backend.

The following updates are new to the power BI service this month:-

- Data experience.
- Compact view
- Linked metrics
- Follow metrics