**Power BI Assignment 3**

1. List and explain different PowerBi products?

Ans: Power BI Desktop

Creating and editing customized reports for every level of expertise.

Data ingestion from hundreds of supported data sources.

Data transformation, cleaning, data model creation with built-in Power Query Editor.

Power BI Pro

Self-service BI in the cloud.

Creating, editing and sharing reports and dashboards among users.

Collaboration in personal and team workspaces.

10 GB of storage per user.

Power BI Premium

Enterprise BI both on-premises and in the cloud.

Dedicated storage (100 TB) and compute resources.

Consumption of Power BI content without individual licensing.

Maintaining BI assets on-premises with the Power BI Report server.

Power BI Embedded

Reports, dashboards and visual analytics embedded into applications.

An extensive library of data connectors, APIs, and fully documented SDKs.

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

Ans: 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?

Ans : Power Query is a tool used to manipulate data and is commonly used for data analysis and business intelligence. Power Query is available in both Microsoft Excel and Microsoft Power BI.

Power Query is one of the most transformative tools available to any analyst working with data in Excel. Not only will it save analysts hours of time, but it will result in reduced manual errors and a better ability to source data from a single source of truth.

1. Explain PowerMap?

Ans : Microsoft Power Map is a three-dimensional (3-D) data visualization tool that lets you look at information in new ways. A power map lets you discover insights you might not see in traditional two-dimensional (2-D) tables and charts.

1. How powerBi eliminated the need to host SharePoint Server on premises?

Ans: You can connect to the SQL data source in RS desktop to select the corresponding sharepoint server database, and then create reports and upload to PBI report server,then set schedule refresh.

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

Ans: [blog]: Most features are explained in a section in the monthly update blog post.

[video]: Some features have a video excerpt that discusses the feature, which plays in a new browser tab.

[article]: Some features have an article that provides more detail.

The remaining features are self-explanatory and don't need an article or video.