**Power BI Assignment 3**

**1. List and explain different PowerBi products?**

* **POWER BI DESKTOP**

A windows desktop application for data analysis and report creation

* **POWER BI SERVICE**

Online software as a service, used to collaborate and distribute reports

* **POWER BI MOBILE**

A native mobile app

* **POWER BI REPORT BUILDER**

A tool for creating paginated reports

* **POWER BI REPORT SERVER**

An on-premises report server

* **POWER BI EMBEDDED**

A service to embed visuals, reports and dashboards into application

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?**

Microsoft Power Map for Excel 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?**

SharePoint Online comprises both web and cloud-based technologies. It eliminates high data storage costs, subscription charges, and other SharePoint on-premises deployments. The primary benefits of migrating to the SharePoint Online platform are: The ability to integrate with Microsoft 365 applications.

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

* Most features are explained in a section in the monthly update blog post.
* Some features have a video excerpt that discusses the feature, which plays in a new browser tab.
* Some features have an article that provides more detail.
* The remaining features are self-explanatory and don't need an article or video.