**Power BI Assignment 3**

1. List and explain different PowerBi products?

Ans. Power BI is a very useful tool for analytics and creating interactive dashboard that is used for taking business decision. Different Products of Power BI-

1. Power BI desktop- Window application for data analysis and reports creation.
2. Power BI service- Online Software as a service, use to collaborate and distribute reports
3. Power BI Mobile- Mobile application
4. Power BI report Builder- tool for creating paginated reports.
5. Power BI Report server- on-premises report server
6. Power BI Embedded- a service to embed visuals, reports & dashboard to an application.
7. What limitations of Excel, Microsoft solved by PowerBi?

Ans. Excel works well with a limited data set. As the amount of data increases the response of excel became slow and unresponsive. Power BI can handle much bigger data and can be connected to a large number of data sources. Power BI can easily establish relation between data from different sources and can easily and quickly publish reports for references.

1. Explain PowerQuery?

Ans. Power Query is a data transformation and data preparation engine. It comes with a graphical interface for getting data and Editor (Power Query Editor) for apply transformations. Using Power Query, you can perform the extract, transform, and load (ETL) processing of data. We can define a repeatable process (query) that can be easily refreshed in the future to get up-to-date data.

1. Explain PowerMap?

Ans. Microsoft Power Map is a three-dimensional (3-D) data visualization tool that lets us look at information in new ways. A power map discovers new insights that is not possible to view in a 2-D plain.

In short, this is a 3D Geo-spatial data visualization tool.

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

Ans. SharePoint is an important part of how many organizations organize and distribute BI content to users. Now that the Powe BI report server is already integrated in the power BI service this has reduced the dependency on share point server. The user can now directly make a report and can publish and distribute it using the Power BI report server

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