**Power BI Assignment 3**

1. **List and explain different Power BI products?**

The different Power BI products are as follows: Power BI Desktop, Power BI Service, Power BI Mobile, Power BI Report Builder, Power BI Report Server, Power BI Embedded.

1. **What limitations of Excel, Microsoft solved by Power BI ?**

The limitation of Excel solved by Microsoft Power BI: The Excel can only work with limited amount of data. But the Power BI can connect to large number of data sources. Power BI can also be accessed from mobile devices unlike Excel.

1. **Explain Power Query?**

Power Query can be used to perform ETL operations on the data i.e. Extract, Transform, And Load. It is an engine for data transformation and data preparation. The Power Query comprises of a graphical interface to extract the data from the source and a Power Query Editor to apply the transformations.

1. **Explain Power Map?**

Microsoft Power Map helps in 3-D data visualization. Power Map helps us to interpret data in a way that we cannot do it in 2-D form. With the help of Power Map we can plot Geographic and temporal data on a 3-D globe or a Map.

1. **How Power BI eliminated the need to host SharePoint Server on premises?**

SharePoint is an important part of many organizations to organize and distribute BI content to users. In recognition of how important this approach is, Power BI has invested in modernizing and creating deeper integrations with SharePoint. Over the last year, the Power BI has introduced the web part for SharePoint Online and an updated Reporting Services Report Viewer web part for SharePoint on-premises. This provides flexibility to the end users and clients to build highly customized Share point experiences using their Business Intelligence content.

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

**Updates to Power BI Service**

Power BI org app Multiple Audiences now generally available, Deprecation of Getting Started in expanded view, Changes to the Get Data experience, Guest users can now create their own email subscriptions, Downloading a PBIX now available for more scenarios, Administration and governance, Deployment pipelines updates.

**Updates to Power BI Desktop**

Reverse stack order for stacked column charts, Query performance improvements, Power BI Metrics, Quick measure suggestions, Relationship editing in the properties pane, DAX formula bar support for Power BI Desktop model view, Data connectivity, Introducing tenant setting for Power BI data marts , Slicer type formatting moved to Format Pane, Making it easier to do comparison calculations, Many updated data connectors, New visuals in AppSource