**Power BI Assignment 3**

1. List and explain different Power Bi products?

A. Power BI + Enterprise data warehouse. To explore and visualize corporate data stored in a centralized data storage.

Power BI + ERP. ...

Power BI + CRM. ...

Power BI + HRMS. ...

Power BI + IoT device management system.

2. What limitations of Excel, Microsoft solved by Power Bi?

A. 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.

3. Explain Power Query?

A. 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.

4. explain power map in power bi

A. 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.

5. How power Bi eliminated the need to host SharePoint Server on premises?

A. Now, customers can use Power BI and optionally integrate their Power BI content into SharePoint 2019 and SharePoint Online, using either Power BI or Power BI Report Server. We’re making this experience in Power BI better than ever by:

· Adding support for all major report types across both platforms. In the coming weeks, we’ll have the first public preview of Paginated (RDL) reports in Power BI Premium, giving customers full support for Paginated Reports, Power BI Reports and Excel Workbooks in Power BI.

· Providing easier ways to report on your data in SharePoint. We’ve recently announced new functionality to make easier than ever to start visualizing your Excel tables and CSV files stored in SharePoint Online in Power BI.

Additionally, for Power BI Report Server, we’re adding some new features that already exist in Power BI, but were previously available only through SharePoint integration for on-premises deployments. These include –

· Power Pivot Scheduled Data Refresh. We first added support for Excel Workbooks in Power BI Report Server in October 2017, including the hosting and viewing of Excel Workbooks containing data models. We’ll be expanding this support to include scheduled data refresh of these workbooks.

· Modern Authentication support. Security considerations are a key part of any BI deployment strategy, and many customers used SharePoint to handle claims-based authentication scenarios for their users. We’re adding native support for ADFS/AAD authentication to Power BI Report Server in an upcoming release.