**Power BI Assignment 5**

**Explain DAX.**

- DAX stands for Data analysis expressions which is bascially used for creating calculated columns, measures and custom tables. It is a collections of functions, operators and constants that can be used in a formula or expression

**Explain datasets, reports, and dashboards and how they relate to each other?**  
- The dataset in powerbi could be data from different files, database tables and online web page one tabular model. Its basically looks like excel sheet which has data in each cell in rows and column  
Report is a series of visualizations on canvas. Ex - profit generated by each store from different regions in column chart.  
Dashboard are a way of pulling together all the visualzations from various report. In a single page all the visualization which tells us a story. They are related to each other as we load the dataset from various form and then make a reports using different dataset and use these reports to make a dashboard.

**How reports can be created in power BI, explain two ways with Navigation of each.**

- Create the report in powerbi by importing the dataset or by connecting to common data sources.   
Open powerbi desktop, select the data source, select the data types, summarizing the data source, and selection of various field according to the report creation.

**How to connect to data in Power BI? How to use the content pack to connect to google analytics? Mention the steps.**

- You can connect to Google Analytics data using the Google Analytics connector. To connect, follow these steps:

1. In Power BI Desktop, select Get data from the Home ribbon tab.
2. In the Get Data window, select Online Services from the categories in the left pane.
3. Select Google Analytics from the selections in the right pane.
4. At the bottom of the window, select Connect.  
   You're prompted with a dialog that explains that the connector is a Third-Party Service, and warns about how features and availability may change over time, and other clarifications.  
   5) When you select Continue, you're prompted to sign in to Google Analytics.  
   6) When you enter your credentials, you're prompted that Power BI would like to have offline access. This is how you use Power BI Desktop to access your Google Analytics data.
5. Once you accept, Power BI Desktop shows that you're currently signed in.  
   8) Select Connect, and your Google Analytics data is connected to Power BI Desktop, and loads the data.

**How to import Local files in Power BI? Mention the Steps.**  
- To import the local files in Power BI follow these steps

1. Click on get data from the ribbon tab.   
   2) Click on more to select Get data from ‘Folder’  
   3) Click on Folder and and click connect which will allow you to browse the path where the local file is present which can be imported in Power bi

**In Power BI visualization, what are Reading View and Editing view?**

- There are two modes for interacting with reports in the Power BI service: Editing view and Reading view. If you are a business user, then you are more likely to use Reading view to consume reports created by others. Editing view is used by report designers, who create the reports and share them with you.