**Power BI Assignment 5**

1. Explain DAX.

Ans: Data Analysis Expression (DAX) is a collection of functions and operators that can be used in a formula to create new information from the data.

1. Explain datasets, reports, and dashboards and how they relate to each other?

Ans: **Datasets**: A setup of information for easy collection, access, and management of data.

**Reports**: A report is a document that represents the summary of a study on a specific topic or problem statement.

**Dashboards**: A dashboard is a visualization of data in form of interactive charts.

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

Ans: In the navigation pane in the Power BI service, you can select the +Create button that opens a page where you can select your data source by “Select a Published Dataset” or another option of “Paste data or manually enter the data” which creates a ready report for you.

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

Ans: By the Get data option under Home Tab one can easily import data from different available data sources available in Power BI.

Steps to use content pack to use Google Analytics:

* In the left navigation pane, click Get Data.
* In the Services box, click Get. From the menu of online services, select Google Analytics, and then click Connect.
* Enter the Google Analytics account, property, and view that you want to connect to. Then sign in with your Google Analytics credentials.
* To permit Power BI to connect to Google Analytics, click Accept.
* You will see a new dashboard, report, and model in the Navigation Pane.

1. How to import Local files in Power BI? Mention the Steps.

Ans:

1. In Power BI, click Get Data in the lower left screen.
2. Under Import or Connect to Data > Files, click Get.
3. Click Local File.
4. Choose which file to upload and click Open.
5. Click Upload under Upload your Excel file to Power BI
6. In Power BI visualization, what are Reading View and Editing view?

Ans: **Reading view** is used by business users for report reading which are created by others and Editing view is for report owners and creators.

**Editing view** is used by report designers, who create the reports and share them with you.