**Power BI Assignment 5**

1. Explain DAX.

:-DAX is a collection of functions, operators, and constants that can be used in a formula, or expression, to calculate and return one or more values. Stated more simply, DAX helps you create new information from data already in your model.

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

:- A Power BI **Dataset** is a series of Power Query queries that have been shaped in a DAX model. Each dataset can combine different files, database tables and online services all into one tabular model.  In our cookie analogy, these are all different “ingredients”.

Unlike SSRS, a dataset in Power BI does not represent a single table or query of data. A dataset should be considered more like a “flavor” of data used to accomplish a specific type of reporting: financial, operational, HR, etc. So in our analogy, the dataset is the “raw dough”.

A power BI **report** is a series of visualizations, filters and static elements on a canvas. Power BI reports are saved as a single PBIX file and connect to a single dataset. Remember, a Power BI dataset can have many data sources.

In Power BI, **dashboards** are a way of pulling together visualizations from various reports. When you think dashboard, you are probably thinking something like Microsoft’s [definition](https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards): “A Power BI **dashboard** is a single page, often called a canvas, that uses visualizations to tell a story. Because it is limited to one page, a well-designed dashboard contains only the most-important elements of that story.”

1. How reports can be created in power BI, explain two ways with Navigation of each.
2. :- Create a report from an Excel file in the Power BI service.
3. Create a report quickly from a SharePoint list or library.
4. Visualize your data from Power Apps and Dynamics 365 apps.
5. Interact with autogenerated "quick" reports in the Power BI service.
6. How to connect to data in Power BI? How to use the content pack to connect to google analytics? Mention the steps.
7. :- In the left navigation pane, click Get Data.
8. In the Services box, click Get.
9. From the menu of online services, select Google Analytics, and then click Connect.
10. Enter the Google Analytics account, property, and view that you want to connect to.
11. How to import Local files in Power BI? Mention the Steps.
12. :- In Power BI, click Get Data in the lower left screen.
13. Under Import or Connect to Data > Files, click Get.
14. Click Local File.
15. Choose which file to upload and click Open.
16. Click Upload under Upload your Excel file to Power BI.
17. The message “Your file has been uploaded” should appear.
18. In Power BI visualization, what are Reading View and Editing view?

:- Reading view for report business users and Editing view for report owners and creators. You need a Power BI Pro or Premium Per User (PPU) license to share reports and to edit reports created by others.