**Power BI Assignment 5**

1. Explain DAX.

Ans. Data Analysis expression for solving data modelling and Analytical problems. These are collection of functions and operations that can extract more information from the data provided. The DAX is also known as function language where the full code is kept inside a function name. Just by calling the name we can use the full function. These are very helpful while quering a large data set and extracting insights from the data.

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

Ans. A dataset is a collection of numbers and value related to a particular matter.

**Reports**- These are graphical or tabular format of the data. The data when presented in a logical sequence which give some insights is called reports.

**Dashboard-** This is a collection of reports to as it tells as story and give insight regarding a particular situation. Dashboard provide insights to a particular problem and can suggest actions to improve the situation.

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

**Ans** Reports can be created by loading the data set into the power BI and then performing the following steps.

1. Clear, transform and load the data set into the main working window.
2. Click on the type of graph we need to form and then drag it to the workspace.
3. Then select the data that needs to be filled and put it in the required fields (x axis, Y-axis etc for different graphs)
4. We can change the type of chart already plotted by clicking on the chart and selecting another graph format from the selection window.
5. Save the report and publish it to the power bi server.
6. How to connect to data in Power BI? How to use the content pack to connect to google analytics? Mention the steps.

Ans. For connecting to data in power bi

1. From the home ribbon- click on Get data and select the type of data required for getting the data.
2. Select the source from where the data needs to be imported.
3. Then click on the file to be loaded and load the data.

For connecting to the google analytics the following steps could be taken

1. Click on Get data
2. In the Services box, click Get.
3. From the menu of online services, select Google Analytics .and then click Connect.
4. Enter the Google Analytics account, property, and view that you want to connect to. Then sign in with your Google Analytics credentials.
5. To permit Power BI to connect to Google Analytics, click Accept.
6. When the import process completes, we will see a new dashboard, report, and model in the Navigation Pane. Select the dashboard to be viewed.
7. How to import Local files in Power BI? Mention the Steps.

Ans. For importing local file

1. In Power BI, click **Get Data** in the lower left screen.
2. Under **Import or Connect to Data** > **Files**, click **Get**.
3. Click on 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.** There are 2 modes in Power BI i.e., Reading view and Editing view.

Reading view for report business users which needs to view the reports and get the insights for taking some decision. As business owner do not have much time to create everything they need curated dashboard that can give the main content of the data.

Editing view for report owners and creators- These are for Analyst or data scientist, they create dashboard for the end user and publish them in power bi service so that it could be used by business users.