**Power BI Assignment 5**

1. Explain DAX.

Data Analysis Expression- Programming language for Power BI tool to manipulate the data to explore the story around the happening to derive insight.

DAX formulas are entered into the formula bar just below the ribbon in Power BI and creating calculated columns, measures, and custom tables. It 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

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

* **Data set**: It is the collection of data in structured way and with most of all type of data (Numeric/ Alphanumeric/ Date/ Boolean).
* **Reports**: It is the collection of tiles of visualization created per the need of the required insight to be drawn. Reports are interactive could be created at PBI desktop version.
* **Dashboard**: Dashboards are available on PBI service and these are not interactive. In brief it is the snap of Reports being created.

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

Report at Power BI could be created via arranging the tiles of visualization on the canvas.

**Bookmark** : View> Bookmarks> add and name the bookmark > update the bookmark with expected results > assign the named bookmark under view from action to the button on the page.

**Page navigation**: insert button > set action- page navigation, accordingly.

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

The data could be connected in Power BI at the home ribbon under Get data tab landing us to numerous data load options.

On the ribbon, in the External Data group, click Get Data >

From the drop-down menu, click More… >

In the Get Data window, click Other. From the list of other data sources, click Google Analytics, and then click Connect >

Google Analytics asks Power BI Desktop for permission to connect to your data. Click Accept. >

Power BI Desktop loads the Google Analytics data. Now you can start creating your amazing dynamic reports.

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

Power BI provides numerous medium to load the data. Importing the local file is the most

common method of loading the dataset from the user’s existing s ystem.

PBI desktop > Get Data > Files > OneDrive – Personal

1. 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.

A business user is 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 Business users. Reading view is your way to explore and interact with reports created by colleagues.