**Power BI Assignment 5**

1. Explain DAX.

Ans. Data Analysis Expressions (DAX) is a formula expression language used in Analysis Services, Power BI, and Power Pivot in Excel. DAX formulas include functions, operators, and values to perform advanced calculations and queries on data in related tables and columns in tabular data model

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

Ans. **A data set (or dataset)** is a collection of data.The data set lists values for each of the variables, such as height and weight of an object, for each member of the data set. Data sets can also consist of a collection of documents or files.

**A Power BI report** is a multi-perspective view into a dataset, with visuals that represent different findings and insights from that dataset. A report can have a single visual or pages full of visuals. Depending on your job role, you may be someone who designs reports. You also may be a business user who consumes or uses reports. This article is for business users.

**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.

Data set is the primary requirement of Power Bi to function and with the help of the data set we can make reports as per the requirements of the business and finally the collection of such reports results in a Dashboard

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

Ans.

1. Create a data source
2. Run a transformation (Optional)
3. Create a query or data model
4. Pick a visualization
5. Select fields
6. Arrange visualization on dashboard
7. How to connect to data in Power BI? How to use the content pack to connect to google analytics? Mention the steps.

Ans.

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.
5. 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.

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.