

ASSIGNMENT 5

1. Explain DAX.

- Data Analysis Expressions (DAX) is a programming language that is used throughout Microsoft Power BI for 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.

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

- A Power BI report is one or more pages of visualizations such as line charts, maps, and treemaps. Visualizations are also called visuals.
- A dashboard is something you create in the Power BI service or something a colleague creates in the Power BI Service and shares with you. It is a single canvas that contains zeros or more tiles and widgets.
- Dashboards always concentrate on building insights into the data by using graphs, attractive visuals, charts, etc. Reports are not concentrated on the visualization part of the data rather it looks to create summary pages.

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

- 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. It's also accessible from the New report button on Home.

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

- In Power BI Desktop, select Get data from the Home ribbon tab.
- In the Get Data window, select Online Services from the categories in the left pane.
- Select Google Analytics from the selections in the right pane.
- At the bottom of the window, select Connect.

5. How to import Local files in Power BI? Mentioned the steps

- In Power BI, click on get data.
- Under Import or Connect to Data > Files, click Get.
- Click Local File.
- Choose which file to upload and click Open.
- Click Upload under Upload your Excel file to Power BI.
- The message “Your file has been uploaded” should appear.

6. In Power BI visualization, what are Reading View and Editing View?

- The Power BI service has two different modes for interacting with reports: Reading view for report business users and Editing view for report owners and creators.