**Power BI Assignment 5**

1. **Explain DAX.**

**Ans**: DAX stands for Data Analysis Expressions. It 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.

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

**Ans**: Datasets is a collection of tables with rows and columns containing specific details about the file or database.

A**Report**is a multi-perspective view of a dataset, with visuals representing different findings and insights. It is a more detailed collection of charts, tables, and graphs. The charts in report can’t be used together whereas in dashboard, every chart can and should be used together. Dashboard allows a user to pin visuals from different reports or datasets into one canvas.

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

**Ans**: Reports can be created in power BI as follows:

* + - 1. Create a quick report:

Navigation Pane -> Create button -> select data source -> create report.

* + - 1. Create a report from excel file.

Navigation Pane -> My workshop -> New -> Get Dataset -> select excel -> browse file -> select file -> Open -> create report.

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

**Ans**: To connect to data in Power BI, we can go to home ribbon tab and click on get data. With the help of get data we can connect to data.

To use the content pack to connect to google analytics follow the following steps:

Power BI -> Home -> Get Data -> Select on the more options -> Google analytics connector -> Sign in to Google Analytics and allow Power BI access.

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

**Ans**: Power BI -> Home -> Get Data -> Local File -> Open

1. **In Power BI visualization, what are Reading View and Editing view?**

**Ans**: Reading view for report business users. It is where business users can explore and interact with reports whereas Editing view for report owners and creators who create reports and shares with the concerned person.