**Power BI Assignment 5**

1. **Explain DAX.**

Data Analysis Expression or 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 models.

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

The datasets, reports, and dashboards related to each other as follows: Reports are built on datasets, report visuals are pinned to dashboards, and dashboard visuals link back to reports. Reports are a collected display of different datasets, and different pages are available to view report data.

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

For creating a report in Power BI, we first need the dataset. In first we can discuss Power BI desktop. Navigation: click on get data from the panel > select data source > transform and load data > select visual required from visuals pane on open canvas> publish report.

Now creating report in Power BI service, Navigation: 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 > paste to load data > select visuals from the visual pane in the empty canvas.

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

To connect to data in Power BI from the home ribbon just select get data. To connect to Google analytics: launch Power BI desktop > select get data from home ribbon > in get data window click other > from the list of other data sources, click Google Analytics > click Connect > click continue > click accept > click connect to load your data.

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

To import local files in to Power BI: Launch Power BI desktop > select get data from home ribbon > select Excel workbook/text or CSV > browse the file from system and select open > transform the data and select close and apply/ or direct click on load.

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

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. We would require a Power BI Pro or Premium per User (PPU) license to share reports and to edit reports created by others. Without a Pro or Premium per User (PPU) license, we can still create reports in our My Workspace section, but we can't share them.