**Power BI Assignment 5**

1. Explain DAX.

DAX stands for Data Analysis Expressions, it is language developed by Microsoft to interact with data in a variety of their platforms like Power BI, Power Pivot and SSAS tabular models. It is designed to be simple and easy to learn while exposing the power and flexibility of tabular models. In a way, we could compare it with Excel formulas on steroids. Using DAX will truly unleash the capabilities of Power BI.

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

**Datasets-**

A dataset is **a collection of data that you import or connect to**. Power BI lets you connect to and import all sorts of datasets and bring all of it together in one place. Datasets can also source data from dataflow. Datasets are associated with workspaces and a single dataset can be part of many workspaces.

**Reports-**

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 our job role.

**Dashboards-**

A Power BI dashboard is **a single page, often called a canvas, which tells a story through visualizations**. Because it's limited to one page, a well-designed dashboard contains only the highlights of that story. Readers can view related reports for the details. Dashboards are a feature of the Power BI service.

To create Dashboard and report the only things we need that is dataset. Reports focus on one specific topic and provide in-depth information on that subject, while dashboards offer a wide breadth of information using multiple metrics to explain the general status of a situation.

1. How reports can be created in power BI, explain two ways with Navigation of each.
2. Step 1: Install Power BI Desktop for Power BI Report Server. ...
3. Step 2: Select a data source. ...
4. Step 3: Design your report. ...
5. Step 4: Save your report to the report server.

Add a button, image, or shape to the page that you want to start on. Then place one on the page that you want to be directed to. Click on the button on your first (landing) page and go down the Action selection. Make sure to turn it on then select Page Navigation from the drop-down

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, **from the Home ribbon select Get data**. The Get Data window appears. You can choose from the many different data sources to which Power BI Desktop can connect.

**Steps to connect Power BI to Google analytics.**

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.
6. In Power BI, click Get Data in the lower left screen.
7. Under Import or Connect to Data > Files, click Get.
8. Click Local File.
9. Choose which file to upload and click Open.
10. Click Upload under Upload your Excel file to Power BI.
11. The message “Your file has been uploaded” should appear
12. 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. 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.