**Power BI Assignment 5**

1. Explain DAX.

Answer: Data Analysis Expressions (DAX) is a programming language

that is used throughout Microsoft Power BI for creating calculated

columns, measures, and custom tables

DAX is also known as function language, where the full code is kept

inside a function. DAX programming formula contains two data types:

Numeric and Other. Numeric includes - integers, currency, and decimals while Other includes string and binary object.

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

Answer: A dataset is a collection of data that you import or connect to.

A Power BI report is a multi-perspective view into a dataset, with visuals

that represent different findings and insights from that dataset.

A Power BI dashboard is often called a canvas, that 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

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

Answer: Using Power BI Desktop Tool: In this way of creating Power BI Report, Power BI

Desktop must be installed on PC. The following steps can be followed to create

reports using the Power BI Desktop Tool:

Step 1: Load the Dataset

Step 2: Querying Data onto the Navigator

Step 3: Editing the Queries on the Table

Step 4: Shaping the Data According to Requirements

Step 5: Merging Queries from Different Tables

Step 6: Drag & Drop Visuals in report canvas as per requirements & select data in

rightmost pane to be used visuals.

II. Using Power BI Web Tool: The Power BI Web Tool enables to directly import the

data source onto Power BI on the web and automatically generate the report. The

following steps can be followed to create reports using this method:

Step 1: Select Data Source

Step 2: Select the Data Types for Attributes

Step 3: Summarize Data Source using Create Flow

Step 4: Edit Fields using the Summarize Pane

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

Answer: 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.

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

Answer: In Power BI, click Get Data in the lower left screen.

Under Import or Connect to Data > Files, click Get.

Click Local File.

Choose which file to upload and click Open.

Click Upload

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

Answer: 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.