**Explain DAX.**

DAX 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. Stated more simply, DAX helps you create new information from data already in your model.

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

**Dataset:**

A Power BI Dataset is a series of Power Query queries that have been shaped in a DAX model. Each dataset can combine different files, database tables and online services all into one tabular model.

**Report:**

A power BI report is a series of visualizations, filters and static elements on a canvas. Power BI reports are saved as a single PBIX file and connect to a single dataset. Remember, a Power BI dataset can have many data sources.

## Dashboards:

“A Power BI ****dashboard**** is a single page, often called a canvas, that uses visualizations to tell a story. Because it is limited to one page, a well-designed dashboard contains only the most-important elements of that story.”

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

\*To connect with the data in power bi there is a option called get data.

* In the **Get Data** dialogue box, scroll down to find or search for the Google Analytics connector.
* Power BI will then notify you that the Google Analytics connector relies on a 3rd party service. You can just select Continue to move past this dialogue box.

## Sign in to Google Analytics and allow Power BI access

* Power BI will now prompt you to sign in to your Google Analytics account.
* Select the account that is attached to the Google Analytics account that has the data you wish to access.
* You then must allow Power BI to access your Google Account.
* Once you have allowed access, return to your Power BI file and you will see that you are now signed in. Click **Connect** to continue.

## Load Google Analytics Data into Power BI.

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

1.In Power BI, click ****Get Data**** in the lower left screen.

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

3.Click Local File.

4.Choose which file to upload and click ****Open****.

5.Click ****Upload**** under ****Upload your Excel file to Power BI****.

1. The message “Your file has been uploaded” should appear.

**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. You need a Power BI Pro or Premium Per User (PPU) license to share reports and to edit reports created by others.