**1.Explain DAX?**

* DAX stands for Data Analysis Expression.
* Two business logics:
  + Measures
  + Calculated Columns
* As per google, Measures and calculated columns both use DAX expressions.
* The difference is the context of evaluation.
* A measure is evaluated in the context of the cell evaluated in a report or in a DAX query, whereas a calculated column is computed at the row level within the table it belongs to.

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

* Dashboards always concentrate on building insights into the data by using graphs, attractive visuals, charts, etc.
* Reports are not concentrated on the visualization part of the data rather it looks to create summary pages.
* Reports can be built and viewed in Power BI Desktop.
* A dataset is a collection of data or information
* A collection of visualizations that appear together on one or more pages is a report in Power BI. It is a collection if items that have common motive.
* A Power BI dashboard is a single page interface that uses the most important elements of a report to tell a story.

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

* When you first load data in Power BI Desktop, you'll see the Report view with a blank canvas, with links to help you add data to your report.
* You can switch between Report, Data, and Model views by selecting the icons in the left-hand navigation pane.
* Once you've added some data, you can add fields to a new visualization in the canvas.
* To change the type of visualization, you can select it on the canvas, then select a new type in Visualizations.

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

* 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.

**5. How to import Local files in Power BI? Mention the Steps?**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 under Upload your Excel file to Power BI.
* The message “Your file has been uploaded” should appear.

**6. 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