

Assignment - 5

Q1. Explain DAX.

Ans: Data Analysis Expression (DAX) is a programming language that is used throughout Microsoft Power BI for creating calculated columns, measures and custom tables. It is a collection of functions, operators and constant that can be used in a formula, or expression to calculate and return one or more values.

Q2. Explain datasets, reports, and dashboard and how they relate to each other?

Ans: A data-set is a collection of data. It can be structure or unms-structure and tabular form.

Dashboards are built based on multiple data tables connected in one or more ways. Reports are generally created from a single dataset table with no relationship to other tables. Dashboards are not allowed to cross more than one pages.

→ Reports and Dashboard both use data to create visuals to represent data in a picture form by which visualization of data become easy.

Q8. How reports can be created in power BI, explain two ways with navigation of each.

Ans: way to create reports \Rightarrow

- create a report from an Excel file
- create a report quickly from a sharepoint list
- visualize your data from power Apps.
- Interact with autogenerated "quick" reports

Step 1: First we need to upload data from a data source. which can be done in power bi by two ways that are upload data from create button. there are so many pop-ups by which we can upload data.

Step 2: After uploading data we can analysis data on power query editor panel.

Step 3: If there are more than one table then checking for relationship b/w those table.

Step 4: After all of these Step how we can create reports in report view panel by using different visuals that provided in visualization panel.

Q9. How to connect to data in power BI? How to use the content pack to connect to google analytics? Mention the steps.

Ans: Power BI can connect more than 100+ data source by which we can easily access data from different domain.

Step to Connect data 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 category in the left panel.
3. Select google Analytics from the selection in the right panel.
4. At the bottom of the window, Select Connected.

Q5. How to import local files in power BI ? Mention steps?

- Ans:-
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 files.
 4. Choose file to upload and click open.
 5. click upload under upload your excel file to Power BI.
 6. The message "Your file has been uploaded" should appear.

Q6. In power BI visualization, what are Reading view and Editing view.

Ans:- The power BI services, has two different modes for interacting with reports, Reading view for report business users and Editing view for report owners and creators. You need power BI pro and premium license to share reports and to edit reports created by others.