**Power BI Assignment 5**

1. **Explain DAX?**

**ANSWER.** **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.**

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

**Dataset: Power BI datasets represent a source of data ready for reporting and visualization. When you create a Power BI report (or let’s call it a \*.PBIX file), the report has two components (if the data connection mode is import data); A report and a dataset. When you are in the environment of Power BI Desktop, you can’t see the separation that easily unless you go to the task manager and see the dataset running behind the scene under the Power BI Desktop task threads.** **An Introduction To Power BI Dashboard**

**An Introduction to Power BI Dashboard**

**Power BI is an increasingly popular business intelligence and visualization tool from Microsoft that enables data analytics and data visualization. Ron George initially designed Power BI in the summer of 2010. The initial release was available for public download the following year. Power BI Desktop, Power BI Service, Power BI Gateway, Power BI Report Server, and Power BI Mobile Apps are the key components of the platform.**

**In this article, we’ll discuss the basics of Power BI Desktop and how to create a Power BI dashboard using Power BI Desktop. Then, we’ll publish this dashboard on Power BI Service.**

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

**Answer.  it's to create reports providing dynamic perspectives and insights into your data. Power BI also has more advanced features in Power BI Desktop. With Power BI Desktop, create advanced queries, mashup data from multiple sources, create relationships between tables, and more.**

**Power BI Desktop includes a *Report view*, where you can create any number of report pages with visualizations. Report view in Power BI Desktop provides a similar design experience to the report's editing view in the *Power BI service*. You can move visualizations around, copy and paste, merge, and so on.**

1. **How to connect to data in Power BI? How to use the content pack to connect ?**

**Answer. Power BI template to import data into Power BI from Project for the web and Project Online. When you're using the template, you're connected to your**[**Microsoft Dataverse**](https://docs.microsoft.com/powerapps/maker/data-platform/data-platform-intro)**instance, where your Microsoft Project web app data is stored. With the template, you'll be able to download a variety of data to visually explore, monitor, and get reports on key aspects of your Project Portfolio Management (PMM) deployment.**

**How to use the content pack to connect to**

**google analytics? Mention the steps.**

**Answer,** **<https://iterationinsights.com/article/how-to-connect-google-analytics-to-microsoft-power-bi/>.**

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

**Answer. To import data, go to the 'Home' tab click on 'Get data' select the 'Folder' source then click 'OK'. Paste the path of the folder and click OK. Here you can see the metadata information of all three files also you can see the four options 'Combine', 'Load', 'transform Data' and 'Cancel'.**

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

**Answer.**

**In the Power BI service, you create and edit reports in Editing view. And in Power BI Desktop, you create and edit reports in**[**Report view**](https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-report-view)**. This article covers Editing view in the Power BI service.**

**The Power BI service has two different modes for interacting with reports:**[**Reading view**](https://learn.microsoft.com/en-us/power-bi/consumer/end-user-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. Without a Pro or Premium Per User (PPU) license, you can still create reports in your My Workspace, but you can't**[**share them**](https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-share-reports)**.**

**In report Editing view, you have flexibility in both exploring and designing a report. All the**[**Reading view**](https://learn.microsoft.com/en-us/power-bi/consumer/end-user-reading-view)**functionality is available, plus much more.**