**Power BI Assignment 3**

1. List and explain different PowerBi products?

Ans. 1. Power BI Desktop

* Creating and editing customized reports for every level of expertise.
* Data ingestion from hundreds of supported data sources.
* Data transformation, cleaning, data model creation with built-in Power Query Editor.
* AI-driven analytics.
* Interactive reporting with pre-built or custom visuals.

1. Power BI Pro

* Self-service BI in the cloud.
* Creating, editing and sharing reports and dashboards among users.
* Collaboration in personal and team workspaces.
* 10 GB of storage per user.

1. Power BI Premium

* Enterprise BI both on-premises and in the cloud.
* Dedicated storage (100 TB) and compute resources.
* Consumption of Power BI content without individual licensing.
* Maintaining BI assets on-premises with the Power BI Report server.
* Paginated reporting.
* Multi-geo capability.

1. Power BI Embedded

* Reports, dashboards and visual analytics embedded into applications.
* An extensive library of data connectors, APIs, and fully documented SDKs.

1. What limitations of Excel, Microsoft solved by PowerBi?

Ans.

* Single Source of Truth – Workspace
* Row-Level
* Cloud Service
* Q&A
* Quick Insights
* Data Manipulation
* Data-Driven Alerts
* Weekly Features
* Visualizations
* Mobile Accessibility etc.

1. Explain PowerQuery?

Ans. Power Query is a data transformation and data preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformations. Because the engine is available in many products and services, the destination where the data will be stored depends on where Power Query was used. Using Power Query, you can perform the extract, transform, and load (ETL) processing of data.

1. Explain PowerMap?

Ans. Power mapping is a visual tool used by social advocates to identify the best individuals to target to promote social change. The role of relationships and networks is very important when advocates seek change in a social justice issue.[1] The power mapping process entails the use of a visual tool to conceptualize the sphere of a person or group's influence. The power map tool helps to visualize whom you need to influence, who can influence your target and what can be done to influence the identified person with power. Power Mapping is often politically focused and is frequently used to persuade decision makers to alter how they may vote on an issue. It can also be used to convince an organization to take a stand, persuade a foundation to give your organization a grant, or compel a newspaper to write a favorable editorial

1. How powerBi eliminated the need to host SharePoint Server on premises?

Ans.

1. Explain the updates done in Power Bi Service(power BI 2.0) as compared to older version ?

Ans. [video] excerpts play in a new browser tab, when the feature is being discussed.

Some features have an [article] that provides more detail.

Most features are explained in the monthly update [blog] post.

Lastly, some features are self-explanatory and don't need an article or video.

You can also watch the Latest Updates video from the beginning, right inside this article, by clicking on the play icon on the video image found below the list of updates.