ASSIGNMENT 2

1. Explain the advantages of Natural Queries in Power BI with an example?

The advantages of Natural Queries in Power are as follows:

- Guided NLQ is a unique self-service experience
- Every Question is understood by NLQ:
- Guided NLQ makes it simple to ask complex questions:
- It's easy to embed Guided NLQ into your applications:

2. Explain Web Front End (WFE) cluster from Power BI Service Architecture?

- The WFE cluster manages the initial connection and authentication to the Power BI service.
- Its cluster uses Azure AD to authenticate clients and provide tokens for subsequent client connections to the Power BI service.
- Power BI uses the Azure Traffic Manager to direct user traffic to the nearest datacenter.

3. Explain Back End Cluster from Power BI Service Architecture?

- The Back-End cluster determines how authenticated clients interact with the Power BI service.
- The Back-End cluster manages visualizations, user dashboards, datasets, reports, data storage, data connections, data refresh, and other aspects of interacting with the Power BI service.

4. What ASP.NET component does in Power BI Service Architecture?

- ASP.Net helps to connect with Power BI service architecture

5. Compare Microsoft Excel and PowerBi Desktop on the following features:

- Image result for Compare Microsoft Excel and Power Bi Desktop on the following features: Data import Data transformation Modeling Reporting Server Deployment Convert Model Cost
- Power BI has faster processing than Excel. Power BI dashboards are more visually appealing, interactive and customizable than those in Excel. Power BI is a more powerful tool than Excel in terms of comparison between tables, reports or data files. Power BI is more user friendly and easy to use than Excel.

6. List 20 data sources supported by Power BI Desktop

- Excel
- CSV
- Snowflake
- MySQL Database
- PostgreSQL Database
- Oracle Database
- Amazon Redshift
- Google BigQuery
- Azure Synapse Analytics
- SQL Server Database
- Databricks
- SharePoint Online List
- Azure Blob Storage
- Azure Databricks
- Github
- OData Feed

- Python Script
- R Script
- Oracle Database
- JSON