1]Explain the advantages of Natural Queries in PowerBi with an example?

Power BI's Natural Language Query (NLQ) feature allows you to ask questions about your data in plain English and get answers in the form of visualizations, tables, and other insights. This makes it easier for anyone to explore and understand their data, regardless of their technical expertise.

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

The Web Front End (WFE) cluster. The WFE cluster manages the initial connection and authentication to the Power BI service. The Back-End cluster. Once authenticated, the Back-End handles all subsequent user interactions.

3]Explain Back End cluster from Power BI Service Architecture?

The Back-End cluster determines how authenticated clients interact with the Power BI service.

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

* Configure your Microsoft Entra app.
* Get the embedding parameter values.
* Add the required NuGet packages.
* Enable server side authentication.
* Build your app's client side.
* Run your application.

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

Data import

Data transformation

Modeling

Reporting

Server Deployment

Convert Models

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 Workbook
* Text/CSV
* XML
* JSON
* Folder
* PDF
* Parquet
* SharePoint folder
* SQL Server database
* Access database
* SQL Server Analysis Services database
* Oracle database
* IBM Db2 database
* IBM Informix database (Beta)
* IBM Netezza
* MySQL database
* PostgreSQL database
* Sybase database
* Teradata database
* SAP HANA database
* SAP Business Warehouse Application Server
* SAP Business Warehouse Message Server
* Amazon Redshift
* Impala