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

Ans: - Sometimes the fastest way to get an answer from your data is to perform a search over your data using natural language. The Q&A feature in Power BI lets you explore your data in your own words using natural language. Example Ask natural questions Which sales have the highest revenue?

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

Ans: - The WFE cluster provides the user's browser with the initial HTML page contents on site load, as well as pointers to CDN content used to render the site in the browser. A WFE cluster consists of an ASP.NET website running in the Azure App Service Environment. When users attempt to connect to the Power BI service, the client's DNS service may communicate with the Azure Traffic Manager to find the most appropriate (usually nearest) data center with a Power BI deployment

1. Explain Back End cluster from Power BI Service Architecture?

Ans: - The back-end cluster is the backbone of all the functionality available in Power BI. It consists of several service endpoints consumed by Web Front End and API clients as well as background working services, databases, caches, and various other components.

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

Ans: - When users attempt to connect to the Power BI service, the client's DNS service may communicate with the Azure Traffic Manager to find the most appropriate (usually nearest) data center with a Power BI deployment.

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

Reports -- Excel reports are normal and ordinary comparing Power BI. Power BI offers beautiful reports comparing Excel.

Modeling -- Excel is totally focused on structured and simple data models with a wide range of features.

Power BI is really focused on data ingestingestinguilding potentially complex data models easily.

Data import -- Power BI also has Power Query; it can fetch data from everywhere. Excel can get data from everywhere with Power Query.

Cost -- Power BI Desktop is free to download and use for personal use, but it takes $10 per month per user to share reports with others. Since we already have Excel, we need to spend additional money to procure this and build dashboards.

1. List 20 data sources supported by Power Bi desktop.

* Ans: - File
  + Database
  + Power Platform
  + Azure
  + Online Services
  + Other
  + 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