

**Que 1** - Explain the advantages of Natural Queries in Power Bi with an example?

**Ans 1** - The Q&A feature in Power BI lets you quickly get answers about your data by using natural language to ask questions about the data.

Power BI Q&A is free and available to all users. In Power BI Desktop, report designers can use Q&A to explore data and create visualizations. In the Power BI service, everyone can explore their data with Q&A. Our mobile apps support Q&A too

**Que 2** - Explain Web Front End (WFE) cluster from Power BI Service Architecture?

**Ans 2** - The Power BI service architecture is based on two clusters – the **Web Front End (WFE)** cluster and the **Back-End cluster**. The WFE cluster manages the initial connection and authentication to the Power BI service, and once authenticated, the Back-End handles all subsequent user interactions.

**Que 3** - Explain Back End cluster from Power BI Service Architecture?

**Ans 3** - The **Back-End cluster** is 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.

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

**Ans 4** - The ASP.NET component within the WFE cluster parses the token to determine which organization the user belongs to, and then consults the Power BI Global Service.

**Que 5** - Compare Microsoft Excel and Power Bi Desktop on the following features:

Data import

Data transformation  
Modelling  
Reporting  
Server Deployment  
Convert Models  
Cost

**Ans 5 - Data import –**

We can import data from multiple sources In power bi where as for excel the options are limited

**Modelling** – excel has ability to work on simple and structured data models where as power bi is ideal for building complex data models easily

**Reporting** - In excel reports are simple and less attractive than those of power bi where as power bi reports are more beautiful , attractive , personalized and interactive

**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. Where as Microsoft excel is free.

**Que 6 -** List 20 data sources supported by Power Bi desktop.

**Ans 6 –**

- 1 JSON
- 2 XML
- 3 PDF
- 4 SQL Server database
- 5 MySQL data base
- 6 Azure SQL Database
- 7 Impala
- 8 Oracle database

- 9 IBM Db2 database
- 10 Access database
- 11 Share Point Online List
- 12 Google Analytics
- 13 GitHub
- 14 Adobe Analytics
- 15 Google Analytics
- 16 Smartsheet
- 17 QuickBooks Online
- 18 Common data service (legacy)
- 19 Hadoop File (HDFS)
- 20 Excel