
Power BI Assignment 2

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

What is the Natural language Q&A feature in Power BI? The Natural language Q&A feature in Power BI allows you to type your question in the 'Ask a question about your data' box to quickly get answers from your data. Power BI looks for the best answers based on the dataset of your dashboard.

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

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.

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

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

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

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. The WFE specifies to the browser which back-end cluster houses the organization's tenant.

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

	Excel	Power BI
Cost	It costs less	It costs more
Modelling	Data modeling is not easy	Data Modelling is easy
Data Import	Only Six types of data it can import	It can import more than 10 types of the data source.
Server Deployment	It is not possible in Excel	It is possible in Power BI

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

SQL Server database.

Access database.

SQL Server Analysis Services database.

Oracle database.

IBM Db2 database.

IBM Informix database (Beta)

IBM Netezza.

MySQL database.

