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

Ans: a) Guided NLQ is a unique self-service BI experience

b) Every question is understood by Guided NLQ.

c) Guided NLQ makes it simple to ask complex questions

d) Guided NLQ is integrated throughout Yellowfin.

e) It is easy to embed Guided NLQ into your applications.

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

Ans: The WFE cluster manages the initial connection and authentication to the Power BI service.

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

Ans: Once authenticated, the Back-End handles all subsequent user interactions.

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

Ans: ASP.NET core 5 component does in power BI services architecture.

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

Ans:

|  |  |  |
| --- | --- | --- |
| Key Points | Power bi | Excel |
| 1. Data Import | Power BI can connect to many data sources | Excel's connectivity capacity is limited. |
| 1. Data Transformation | Power BI was conceived as a business intelligence and data visualization tool for businesses. | Excel is used to organize data, transform it and perform mathematical operations and calculations. |
| 1. Modelling | With Power Pivot, you can mash up large volumes of data from various sources, perform information analysis rapidly, and share insights easily. | Power Pivot is an Excel add-in you can use to perform powerful data analysis and create sophisticated data models |
| 1. Reporting | More Beautiful, attractive , personalised and interactive reports. | Simpler and less attractive reports than those of power bi |
| 1. Server Deployment | Power BI has faster processing than Excel. Power BI dashboards are more visually appealing, interactive, and customizable than those in Excel | On the other hand, Excel is less faster than Power BI. |
| 1. Converts Model | MAX language | DAX language |
| 1. Cost | Payment tool | It has a free version and a payment version |

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

ans: Excel

Text/CSV

XML

JSON

Oracle Database

IBM DB2 Database

MySQL Database

PostgreSQL Database

Sybase Database

Teradata Database

SAP HANA Database

SAP Business Warehouse server

Amazon Redshift

Impala

Google BigQuery (Beta)

Azure SQL Database

Salesforce Reports

Google Analytics

Facebook

GitHub