Question1.Explain the advantages of natural queries in power bi with an example.

Answer1-Natural queries simplify across to bi data- it helps to answer the complex questions as needed by business purpose.

Natural queries help to drive into deeper business insights- It helps to gain deeper inside knowledge through data which helps to take better decisions.

Natural queries help reducing confusion about analytical results- as it is a question-and-answer queries its easy to use and get good understanding of complex scenario.

Question2.Explain web front end cluster from power bi service architecture.

ANSWER: The front-end services handle the initial connection and Azure Active Directory client authentication. User IDs are kept in the Azure Active Directory. After authentication, user requests are routed through Azure Traffic Manager to the closest data center. The Azure Content Delivery Network (CDN) makes static Power BI content and files available to users when a client or user has been authorized.

Question3.Explain back end cluster from power bi service architecture.

ANSWER-Back-end clusters manages the datasets, reports, storage, visualizations, data refreshing, data connections, and other services in the Power BI. At the back-end cluster, the web client has only two direct points to interact with the data, i.e., Gateway Role and Azure API Management. These two components are responsible for authorizing, load balancing, routing, authentication, etc.

Question4.Compare Microsoft excel and power bi desktop on the following feature.

Data import, data transformation, modelling, reporting, server deployment, convert model, cost.

ANSWER:

DATA IMPORT

EXCEL- EXCEL IMPORT LIMIT AMONT OF DATA.

POWER BI- IT CAN IMPORT BULK AMOUNT OF DATA.

DATA TRANSFORMATION

EXCEL- In excel you can remove column, change a data type or filter row.

Power bi- In power bi data can be transform in different visuals.

MODELING

EXCEL- Excel is totally focused of structured and simple data models with wide range of feature.

Power bi- Power bi is really focused on data ingest and building potentially complex data model easy.

REPORTING

EXCEL- Excel reporting is normal and ordinary comparing power bi.

POWER BI- Power bi offers beautiful branded reporting comparing excel.

Question5.LIST 20 DATA SOURCES SUPPORTED BY POWER BI DESKTOP.

ANSWER:

1.Excel workbook 2. TEXT 3.CSV 4. JASON 5.PDF

6. Oracle database 7. MySQL DATABASE 8. IMPALA

9.SNOWFLAKE 10. AZURE SQL DATABASE 11. GITHUB(BETA) 12. MARIA DB 13. FOLDER 14. GOOGLE BIG QUERY 15. DATAFLOWS 16. DATAVERSE 17. WEB

18. BLANK QUERY 19. ANALYSIS SERVICE 20. ODATA FEED