1.what is power bi?

A. power bi is a business analytics tool by microsoft for visualizing data & sharing insights.

2. What are the main components of power bi?

A. power bi desktop,power bi service,power bi mobile,power bi gateway,power bi report server.

3.what is power bi desktop?

A. power bi desktop is a windows application for creating and designing reports.

4. What is a dashboard in power bi?

A. a dashboard is a single-page visualization that displays keys metrics from one or more reports.

5. What is power bi services?

A. power bi service is an online saas platform to publish and share power bi reports & dashboards.

6.what is power bi mobile ?

A. A mobile app to access power bi dashboards on phones & tablets.

7. What is power bi gateway?

A. a gateway connects on-premises data sources with power bi service.

8. What is a dataset in power bi?

A. a collection of data used to build reports.

9. What is report in power bi?

A. a multi -page collection of visuals based on a dataset.

10. What is power bi used for?

A. to transform raw data into interactive reports & dashboards.

11. Difference between power bi desktop & power bi service?

A. desktop: used to create reports

Service: used to share & collaborate

12. What file extension does power bi desktop use?

A. .ppix.

13. What languages are used in power bi ?

A. DAX for calculations & M for power query transformations.

14. What is power query?

A. power query is a data transformation & data preparation engine in power bi.

15. What is DAX in power bi?

A. DAX ( DATA ANALYSIS EXPESSIONS ) is a formula language used for calculations in power bi.

16. What is a measure in power bi?

A. a measure is a DAX formula used to calculate values dynamically in reports.

17. What is drill-through in power bi?

A. drill-through allows used to go from a summary report to detailed information.

18. What is drill-down in power bi?

A. drill-down lets user explore detailed levels of a hierarchy in a visual.

19. Can power bi connect to multiple data sources?

A. yes, power bi can connect to various sources like excel,sql server , apls,etc.

20.what is a slicer?

A. a slicer is a visual control that allows users to interactively filter dat in power bi reports.

21.what are custom visuals?

A. custom visuals are specialized visualizations that extend the standard visual library in power bi.

22. What is calculate column?

A. a calculate column in power bi is a column added to a table that contains values derived from formulas or expressions.

23. What is the role of the data gateway in power bi ?

A. the data gateway acts as a secure connection between power bi & on-premises dat sources, enabling data access for reporting.

24. What is direct query in power bi?

A. direct query connects to the data source in reak time without importing data.

25. What is the difference between calculated column & measure?

A. calculated column are row-level,while measures are aggregation-level calculations.

26. How to merge data in power bi?

A. to merge data in power bi use “MERGE QUERIES” in power query to combine tables based on a common column.

27. How to merge two tables into one in power bi?

A. to merge two tables into one in power bi

# go to power query > home > merge queries - select both tables and a common column , then choose the joint type.

28. What is append query in power bi?

A. in power bi, to append queries

# go to power query editor > click on “ append query” -choose the tables you want to combine > click OK.

29. Difference between merge data & append data ?

A. merge data: combined tables side by side (add column)

Append data: stacks tables on top to each other (add row).

30. how to remove error in power bi?

A. # go to power query editor > right click the column with error > choose : remove error”.

31. How to replace value in power bi?

A. # go to power query editor > right click the column > select “replace value” > enter the old value & new value . example. (null) to (2024).

32. What is the use of keep error in DAX power bi ?

1. A measure calculated results dynamically ,a calculated column is stored in the table & calculated row by row.

33. What are power bi visualizations?

A. visualizations are graphical representations of data such as charts,graphs,maps etc.

34. What is the use of back button?

A. the back button is a navigation element in apps web browser the allows users to go back to previous screen or web page they were view.