

Power BI

1. What is Power BI primarily used for?
 - A. Data visualization and business intelligence
 - B. Database management
 - C. Machine learning model training
 - D. Web development

Answer: A
2. Which component of Power BI is used to create reports?
 - A. Power BI Service
 - B. Power BI Desktop
 - C. Power BI Gateway
 - D. Power BI Mobile

Answer: B
3. Power BI Desktop allows users to:
 - A. Publish reports only
 - B. Schedule data refresh
 - C. Load, transform, and visualize data
 - D. Manage user access

Answer: C
4. Which file format is native to Power BI reports?
 - A. .xlsx
 - B. .csv
 - C. .pbix
 - D. .txt

Answer: C
5. Power Query in Power BI is used for:
 - A. Data cleaning and transformation
 - B. Creating dashboards
 - C. Writing DAX formulas
 - D. Publishing reports

Answer: A
6. Which operation removes rows with missing values in Power BI?
 - A. Replace Values
 - B. Remove Columns
 - C. Filter Rows
 - D. Remove Blank Rows

Answer: D
7. What is the purpose of data modeling in Power BI?
 - A. To clean data
 - B. To create relationships between tables
 - C. To design visual layouts
 - D. To import datasets

Answer: B

8. A star schema consists of:
- A. Only one table
 - B. Multiple fact tables
 - C. One fact table and dimension tables
 - D. Only dimension tables
- Answer: C
9. Which key uniquely identifies records in a table?
- A. Foreign key
 - B. Composite key
 - C. Primary key
 - D. Surrogate key
- Answer: C
10. DAX stands for:
- A. Data Analysis Expressions
 - B. Data Analytics Extension
 - C. Dynamic Analysis Syntax
 - D. Data Access Expressions
- Answer: A
11. Which DAX function is used to calculate totals?
- A. COUNT
 - B. SUM
 - C. AVERAGE
 - D. MAX
- Answer: B
12. Measures in Power BI are calculated:
- A. During data load
 - B. At the row level
 - C. At query execution time
 - D. At report interaction time
- Answer: D
13. What is a calculated column?
- A. A column created in Power Query
 - B. A static value column
 - C. A column calculated row by row
 - D. A visualization element
- Answer: C
14. Which visualization is best for showing trends over time?
- A. Pie chart
 - B. Bar chart
 - C. Table
 - D. Line chart
- Answer: D
15. Slicers in Power BI are used to:
- A. Filter data interactively
 - B. Clean datasets
 - C. Create relationships
 - D. Write DAX formulas
- Answer: A

16. Which chart is best for comparing categories?

- A. Line chart
- B. Map
- C. Bar chart
- D. Gauge

Answer: C

17. What does Power BI Service allow users to do?

- A. Build data models
- B. Publish and share reports
- C. Clean raw data
- D. Write Python scripts

Answer: B

18. Dashboards in Power BI can contain:

- A. Multiple report pages
- B. Only tables
- C. Tiles from different reports
- D. Raw datasets

Answer: C

19. What is the purpose of Power BI Gateway?

- A. Visual design
- B. Data transformation
- C. Secure data refresh from on-premises sources
- D. Creating dashboards

Answer: C

20. Which feature helps highlight values based on rules?

- A. Slicers
- B. Filters
- C. Tooltips
- D. Conditional formatting

Answer: D

21. Row-level security (RLS) is used to:

- A. Restrict data access by user
- B. Improve performance
- C. Clean datasets
- D. Create measures

Answer: A

22. Which view is used to define table relationships?

- A. Report view
- B. Data view
- C. Model view
- D. Query view

Answer: C

23. Power BI supports which scripting languages?

- A. Java and C++
- B. Python and R
- C. PHP and JavaScript
- D. SQL only

Answer: B

24. What happens when you refresh a Power BI report?

- A. Visuals are deleted
- B. DAX formulas change
- C. Data model is removed
- D. Latest data is loaded

Answer: D

25. Best practice for Power BI dashboards is to:

- A. Show all available visuals
- B. Use multiple color schemes
- C. Focus on key insights
- D. Avoid filters

Answer: C