



Power BI

Interview Questions





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1) What are the major part of Visualization pane?

- a) Fields
 - b) Formats
 - c) Analytics
 - d) All of the above
- Ans. d) All of the above

11) What is Power BI primarily used for?

- a. Video Editing
 - b. Data Analysis and Visualization
 - c. Web Development
 - d. Word Processing
- Ans. b) Data Analysis and Visualization

2) Which component in Power BI is used for creating visualizations?

- a. Power Query
 - b. Power Pivot
 - c. Power View
 - d. Power Map
- Ans. c) Power View

3) Which language is used for creating calculated columns and measures in Power BI?

- a. Python
 - b. R
 - c. DAX
 - d. SQL
- Ans. c) DAX

4) In Power BI Desktop, what is the purpose of the "Data" view?

- a. To create visualizations
 - b. To edit queries
 - c. To view and modify data model
 - d. To manage report layout
- Ans. c) To view and modify data model

5) Which view in Power BI Desktop allows you to create relationships between tables?

- a. Report view
 - b. Data view
 - c. Relationship view
 - d. Model view
- Ans. d) Model view

6) Which visualization type in Power BI is used to display hierarchical data?

- a. Table
 - b. Pie Chart
 - c. Tree map
 - d. Line Chart
- Ans. c) Tree map



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7) Which visualization type in Power BI is used to display trends over time?

- a. Pie Chart
- b. Line Chart
- c. Scatter Plot
- d. Gauge

Ans. b) Line Chart

8) What is the purpose of the "Format" pane in Power BI Desktop?

- a. To define relationships between tables
- b. To create calculated columns
- c. To format and customize visualizations
- d. To edit data model relationships

Ans. c) To format and customize visualizations

9) In Power BI, what is the difference between a report and a dashboard?

- a. A report is a single page, and a dashboard is a collection of visualizations and reports.
- b. A report is a collection of visualizations and reports, and a dashboard is a single page.
- c. A report and a dashboard are the same thing.
- d. A report is used in Power BI Desktop, and a dashboard is used in Power BI Service.

Ans. a) A report is a single page, and a dashboard is a collection of visualizations and reports.

10) What is the purpose of Power BI Q&A?

- a. To create calculated columns
- b. To define relationships between tables
- c. To ask natural language questions and get visualizations as answers
- d. To edit report layout

Ans. c) To ask natural language questions and get visualizations as answers

11) How does Power BI Q&A understand natural language queries?

- a. By using keyword matching
- b. By using a predefined set of questions
- c. By using machine learning algorithms
- d. By analyzing data models

Ans. c) By using machine learning algorithms



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12) What is the difference between calculated columns and measures in DAX?

- a). Calculated columns are used for aggregations, and measures are used for calculations.
- b). Calculated columns are created in the data model, and measures are created in the report.
- c). Calculated columns are stored in the data model, and measures are calculated on the fly.
- d). Calculated columns are created in Power Query, and measures are created in DAX.

Ans. c) Calculated columns are stored in the data model, and measures are calculated on the fly.

13) Which key is known as a 'surrogate'?

- a. Alternative key
- b. Reference Key
- c. Primary Key
- d. Secondary Key

Ans. c) Primary Key

14) Which type of relationship in Power BI allows for only one matching row on either side of the relationship?

- a. One-to-One
- b. One-to-Many
- c. Many-to-One
- d. Many-to-Many

Ans. a) One-to-One

15) Which DAX function is used to create relationships between tables in Power BI?

- a. RELATED()
- b. RELATEDTABLE()
- c. CONCATENATE()
- d. VLOOKUP()

Ans. a) RELATED()



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16) Which of the following is true about calculated columns in Power BI?

- a. They are created on the fly during visualization.
- b. They are stored in the data model.
- c. They are used only for aggregations.
- d. They are created using Power Query.

Ans. b) They are stored in the data model

17) What does the "Manage Relationships" window in Power BI allow you to do?

- a. Create calculated columns
- b. Define relationships between tables
- c. Create measures
- d. Import data from external sources

Ans. b) Define relationships between tables

18) What does the "New Table" feature in Power BI allow you to do?

- a. Create calculated columns
- b. Create calculated tables
- c. Create relationships between tables
- d. Import data from external sources

Ans. b) Create calculated tables

19) Which visualization type is suitable for showing the distribution of a single numeric variable?

- a. Pie Chart
- b. Line Chart
- c. Histogram
- d. Treemap

Ans. c) Histogram

20) In Power BI, what is the purpose of the "Card" visualization?

- a. To display a single value
- b. To show trends over time
- c. To compare multiple categories
- d. To represent hierarchical data

Ans. a) To display a single value