



Power BI

# Interview Questions



1. What is aggregation in Power BI?

- A) A method to filter data in a table
- B) A way to group and summarize data
- C) A type of conditional formatting

Answer: B

2. Which aggregation function calculates the total sum of a numeric column in Power BI?

- A) AVG
- B) SUM
- C) COUNT

Answer: B

3. What is the purpose of the "Group By" feature in Power BI tables?

- A) To create calculated columns
- B) To aggregate data based on specified columns
- C) To sort data in ascending order

Answer: B

4. In Power BI, what does the "Distinct Count" aggregation function do?

- A) Counts the number of unique values in a column
- B) Calculates the average of distinct values
- C) Adds up all the values in a column

Answer: A

5. How does the "All" option in aggregation differ from other options in Power BI?

- A) It includes all values without any aggregation
- B) It applies the same aggregation to all columns
- C) It is not a valid option in Power BI

Answer: A

6. Explain the concept of a "Measure" in Power BI and its role in aggregation.

- A) A calculated column used for sorting data



- B) A dynamic calculation based on the data model, often used in aggregations
- C) A method to filter data in visuals

Answer: B

7. How can you nest aggregations in Power BI to create complex calculations?

- A) By using DAX functions like SUMX or AVERAGEX
- B) By converting tables into matrices
- C) There is no way to nest aggregations in Power BI

Answer: A

8. What is the role of the "Row Context" and "Filter Context" in DAX calculations?

- A) They control the sorting of data in a table
- B) They determine the context under which calculations are performed
- C) They define the color scheme of visuals

Answer: B

9. How does the aggregation behavior change when creating relationships between tables in Power BI?

- A) It has no effect on aggregation
- B) It enables cross-filtering but doesn't impact aggregation
- C) It influences how data is aggregated across related tables

Answer: C

10. What does the "Quick Summarize" feature in Power BI do?

- A) It automatically suggests aggregations based on column data types
- B) It creates a quick visualization of the table
- C) It generates a summary report for the entire Power BI file

Answer: A

11. In Power BI, what is the purpose of the "Show Value As" option in a table?

- A) It displays the total values only



- B) It enables users to input custom formulas
- C) It shows values as a percentage of the grand total or other calculations

Answer: C

12. How can you use the "SUMMARIZE" function in DAX to aggregate data in Power BI?

- A) By creating calculated columns
- B) By defining relationships between tables
- C) By generating new tables with aggregated values

Answer: C

13. What is the primary function of the "Total Row" option in Power BI tables?

- A) It adds a row at the end of the table showing the total values
- B) It creates a separate table with total values
- C) It calculates the average of all values in the table

Answer: A

14. How does the "Automatic" aggregation option in Power BI behave?

- A) It automatically selects the most appropriate aggregation for each column
- B) It calculates a running total for numeric columns
- C) It only works for date-based aggregations

Answer: A

15. When using the "Show as a Table" visualization in Power BI, what does the aggregation icon represent?

- A) The average value of the column
- B) The sum of the column values
- C) The total number of rows in the table

Answer: B

16. How does the "Percent of Column Total" differ from the "Percent of Grand Total" in Power BI aggregations?



- A) There is no difference; they are synonymous
- B) "Percent of Column Total" considers values within each column, while "Percent of Grand Total" considers all values
- C) "Percent of Grand Total" is not a valid option

Answer: B

17. What is the purpose of the "KEEPFILTERS" function in DAX, particularly in the context of aggregation?

- A) It removes all filters before aggregation
- B) It retains the existing filters during aggregation
- C) It filters out specific columns in the aggregation

Answer: B

18. In Power BI, how can you create a custom aggregation using DAX measures?

- A) By using the "Total Row" option
- B) By applying a custom formula in the aggregation settings
- C) By importing custom scripts from external sources

Answer: B

19. How can you aggregate data based on multiple columns using the "GROUP BY" feature in Power BI?

- A) By selecting each column individually in the "GROUP BY" dialog
- B) By concatenating column names in the formula bar
- C) By separating column names with commas in the "GROUP BY" dialog

Answer: C

20. What happens if you apply an aggregation to a column containing non-numeric data in Power BI?

- A) An error occurs, and the aggregation fails
- B) Power BI automatically converts non-numeric values to zeros
- C) The aggregation is applied, treating non-numeric values as blanks

Answer: A

21. In Power BI, what is the purpose of the "Column Tools" tab in the modeling view when working with aggregations?

- A) It allows you to rename columns before applying aggregations
- B) It provides additional formatting options for columns
- C) It offers tools to manage aggregations, such as setting summarization methods

Answer: C

22. How does the "Row-level security" feature in Power BI interact with aggregations?

- A) It has no impact on aggregations
- B) It filters data at the row level before aggregation
- C) It prevents aggregations from being applied to certain columns

Answer: B