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Power BI

Interview Questions

1. What is the primary purpose of a column chart in data analytics?
   - a) Showing trends over time
   - b) Comparing values across categories
   - c) Displaying geographical data
   - d) Representing hierarchical data
   - Answer: b

2. How are columns arranged in a standard column chart?
   - a) Randomly
   - b) Alphabetically
   - c) According to data values
   - d) In a circular pattern
   - Answer: c

3. What type of data is best represented by a column chart?
   - a) Categorical data
   - b) Continuous data
   - c) Textual data
   - d) Binary data
   - Answer: a

4. In a clustered column chart, how are multiple columns for each category displayed?
   - a) Vertically stacked
   - b) Horizontally arranged
   - c) Side by side
   - d) Overlapping
   - Answer: c

5. How can you customize the color of a specific column in a column chart?
   - a) Use default color scheme
   - b) Right-click on the column
   - c) Utilize the 'Format' options
   - d) Random color assignment
   - Answer: c

6. What is the significance of the Y-axis in a column chart?
   - a) Represents categories
   - b) Displays data values
   - c) Indicates time periods
   - d) Determines color variations
   - Answer: b

7. What is the purpose of the X-axis in a column chart?
   - a) Represents categories
   - b) Displays data values
   - c) Indicates time periods
   - d) Determines color variations
   - Answer: a

8. Explain the concept of 'Data Labels' in a column chart.
   - a) Labels on the X-axis
   - b) Labels on the Y-axis
   - c) Labels representing actual data values on the columns
   - d) Labels on the legend
   - Answer: c

9. How can you add trendlines to a column chart for predictive analysis?
   - a) Through the 'Analytics' pane
   - b) Right-clicking on the chart
   - c) Using the 'Format' options
   - d) Trendlines are not supported in column charts
   - Answer: a

10. What is the difference between a stacked column chart and a clustered column chart?
    - a) Color scheme
    - b) Data source
    - c) Data representation
    - d) Axis values
    - Answer: c

11. How does a 100% stacked column chart differ from a standard stacked column chart?
   - a) It uses a different color scheme
   - b) It represents percentages instead of absolute values
   - c) It has a different axis scale
   - d) There is no difference
   - Answer: b

12. What is the primary visual representation in a column chart?
   - a) Bars
   - b) Lines
   - c) Circles
   - d) Squares
   - Answer: a

13. In a column chart, what does the height of each column signify?
   - a) Time
   - b) Data values
   - c) Color variations
   - d) Geographical distribution
   - Answer: b

14. Which of the following is a common alternative name for a column chart?
   - a) Bar chart
   - b) Line chart
   - c) Pie chart
   - d) Scatter plot
   - Answer: a

15. How does a clustered column chart differ from a stacked column chart?
   - a) Columns are grouped together in clusters
   - b) Columns are stacked on top of each other
   - c) There is no difference
   - d) Columns are arranged in a circular pattern
   - Answer: a

16. What is the purpose of the legend in a column chart?
  - a) Displays data values
  - b) Indicates time periods
  - c) Represents categories
  - d) Determines color variations
  - Answer: c

17. How can you sort the columns in a column chart in Power BI?
  - a) Right-clicking on the chart
  - b) Using the 'Sort' options in the 'Format' pane
  - c) Columns are automatically sorted
  - d) Sorting is not possible
  - Answer: b

18. Explain the concept of 'Data Labels' in a column chart and its significance.
  - a) Labels on the X-axis
  - b) Labels on the Y-axis
  - c) Labels representing actual data values on the columns
  - d) Labels on the legend
  - Answer: c

19. What is the role of the X-axis in a column chart, and how does it enhance data interpretation?
  - a) Represents categories
  - b) Displays data values
  - c) Indicates time periods
  - d) Determines color variations
  - Answer: a

20. How can you customize the appearance of individual columns in a column chart to highlight specific data points?
  - a) Using default color scheme
  - b) Right-clicking on the column
  - c) Utilizing the 'Format' options
  - d) Random color assignment

- Answer: c

21. In what scenarios might you choose a 100% stacked column chart over a standard stacked column chart?
    - a) When displaying time trends
    - b) When comparing values across categories
    - c) When focusing on percentage distribution within each category
    - d) There is no significant difference
    - Answer: c