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Data Visualization MCQ

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We have listed below the best **Data Visualization MCQ Questions**, that check your basic knowledge of Data Visualization. This **Data Visualization MCQ Test** contains 20 Multiple Choice Questions. You have to select the right answer to check your final preparation for the **Data Visualization Exam/Interviews**. apart from this, you can also download the **Data Visualization MCQ PDF**, completely free from the link given below.

Q1. What is data visualization?

- **A. It is the graphical representation of information and data**
- **B.** It is the numerical representation of information and data
- **C.** It is the character representation of information and data
- **D.** None of the above

Q2. What is true about data visualization?

- **A.** Data Visualization helps users in analyzing a large amount of data in a simpler way
- **B.** Data Visualization makes complex data more accessible, understandable, and usable
- **C.** Data Visualization is a graphical representation of data
- **D. All of the above**

Q3. Data visualization is also an element of the broader ....

- **A.** data process architecture
- **B. data presentation architecture**
- **C.** deliver presentation architecture
- **D.** None of the above

Q4. Data visualization tools provide an accessible way to see and understand ....
in data.

- **A.** trends
- **B.** outliers
- **C.** patterns
- **D.** All of the above

Q5. Which method shows hierarchical data in a nested format?

- **A. Treemaps**
- **B.** Scatter plots
- **C.** Area charts
- **D.** Population pyramids

Q6. What are the common types of data visualization?

- **A.** Charts
- **B.** Tables
- **C.** Infographics
- **D. All of the above**

Q7. What are specific examples of methods to visualize data?

- **A.** Area Chart
- **B.** Bubble Cloud
- **C.** Dot Distribution Map
- **D. All of the above**

Q8. The importance of data visualization are ....

- **A.** Leading the target audience to focus on business insights to discover areas that require attention
- **B.** Revealing previously unnoticed key points about the data sources to help decision makers compose data analysis reports
- **C.** Helping decision makers understand how the business data is being interpreted to determine business decisions
- **D. All of the above**

Q9. What are the benefits of data visualization?

- **A.** Better analysis

- **B.** Identifying patterns
- **C.** Exploring business insights
- **D. All of the above**

Q10. Which of the intricate techniques is not used for data visualization?

- **A.** Heat Maps
- **B. Fever Maps**
- **C.** Bullet Graphs
- **D.** Bubble Clouds

Q11. .... is used to query and edit graphical settings.

- **A. par()**
- **B.** plot()
- **C.** cum()
- **D.** anova()

Q12. Which of the following lists names of variables in a data.frame?

- **A.** par()
- **B.** names()
- **C. quantile()**
- **D.** barchart()

Q13. .... groups values of a variable into larger bins.

- **A. cut**
- **B.** stem
- **C.** col.max(x)
- **D.** which.max(x)

Q14. Deleting the grid lines in the table and the horizontal lines in the chart.

- **A. increases the data-ink ratio**
- **B.** decreases the data-ink ratio
- **C.** increases the Non-data-ink ratio
- **D.** does not affect the data-ink ratio

Q15. .... helps in designing effective tables and charts for data visualization.

- **A.** PivotTable
- **B. Data-ink ratio**
- **C.** Scatter charts
- **D.** Crosstabulation

Q16. A useful chart for displaying multiple variables is the ....

- **A.** scatter chart
- **B. scatter chart matrix**
- **C.** two-dimensional graph
- **D.** stacked column and bar chart

Q17. The charts that are helpful in making comparisons between ....

- **A.** Bar charts
- **B.** column charts
- **C.** Pie charts
- **D. Both Bar & Column Charts**

Q18. A system that merges maps and statistics to present data collected over different geographies ....

- **A.** The heat map
- **B.** A geographical map
- **C. Geographic information system**
- **D.** None of the above

Q19. A data visualization tool that updates in real time and gives multiple outputs is called ....

- **A. a data dashboard**
- **B.** a metrics table
- **C.** a data table
- **D.** None of the above

Q20. The data dashboard for a marketing manager may have KPIs related to ....

- **A. current sales measures and sales by region**
- **B.** current financial standing of the company.
- **C.** vehicle's current speed, fuel level, and engine temperature.
- **D.** None of the above

Q21. A _____ is a line that provides an approximation of the relationship between the variables.

- **A.** sparkline
- **B.** gridline
- **C. trendline**
- **D.** none of the above

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