
1. Best Visualization for Top 10 Browsers

Question:

Which of the following visualization types would be most effective to display the top 10 browsers used by website visitors?

- ☒ **A bar chart**
- ☐ A pie chart
- ☐ A single-value visualization
- ☐ A line chart

Feedback:

A **bar chart** is ideal for comparing discrete categories like browser types, especially when ranking or showing frequency.

2. Importance of a Purpose Statement

Question:

Which best describes one reason it is important for cloud data analysts to define a purpose statement before choosing a visualization type?

- ☒ **A purpose statement aligns the visualization with the stakeholder's expectations and ensures the key insight is addressed.**
- ☐ A purpose statement ensures that the visualization is accessible and easy to use.
- ☐ A purpose statement primarily defines the intended audience for the visualization.
- ☐ A purpose statement ensures the data can be meaningfully represented in the visualization.

Feedback:





A **purpose statement** helps ensure the visualization is focused, relevant, and aligned with stakeholder goals.

3. Designing for Mixed Experience Levels

Question:

Which suggestion would be the most impactful to ensure both users with a strong

data analysis background and those with less experience can use the visualization effectively?

-  Avoid annotating the data or providing interactive elements.
-  Use colors with low contrast to avoid making the visualization distracting.
-  **Keep the visualization simple and focus on the key insight.**
-  Present the data without labels or filters to avoid clutter.





Feedback:

Simplicity and clarity help all users—regardless of experience—understand the visualization and extract insights easily.

4. Best Data Type for Categories

Question:

What data type is best suited for displaying categories like names, brands, or browsers?

-  Boolean
-  Record
-  **String**
-  Number

Feedback:

String data represents text-based categories and is ideal for labeling items like names, brands, and browser types.