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Quiz: Weekly challenge 1

8 questions

Weekly challenge 1

Quiz40 minutes • 40 min

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1.

Question 1

You need to create a chart that explores the relationship between age and fruit consumption. What type of chart would best represent this data?

1 / 1 point

Time Series Chart

Ranked Bar Chart

Histogram

Correlation Chart

Correct

2.

Question 2

A data analyst is creating a chart for a presentation. The data they will display shows a correlation between variables. Why should they be careful when presenting their chart to an audience?

1 / 1 point

Correlation can only be represented in bar charts.

Correlation should be avoided in charts.

Correlation can be misunderstood as causation.

Correlation causes accessibility issues.

Correct

3.

Question 3

What are the benefits of dynamic visualizations? Select all that apply.

1 / 1 point

Users have to change any data manually.

Analysts have more control over the story they tell.

☒

Analysts can present trends in real-time.

Correct

☑

☒

Users have some control over what they see.

Correct

4.

Question 4

Sophisticated use of contrast helps separate the most important data from the rest using the visual context that our brains naturally respond to.

1 / 1 point

◉

True

○

False

Correct

5.

Question 5

A data analyst is designing a chart. They decide to use colors that make sense to their audience. What phase of creating data visualizations does this describe?

1 / 1 point

Empathize Phase

Ideate Phase

Prototype Phase

Test Phase

Correct

6.

Question 6

You are in the process of creating data visualizations. You have considered the goal and the audience's needs. Next, you will generate ideas for data visualizations and brainstorming solutions. What phase of the design process will you be in?

1 / 1 point

Test

Prototype

Ideate

Define

Correct

7.

Question 7

A data analyst adds labels to their line graph to make it easier to read, even though they already have a legend on their visualizations. How does labeling the data make it more accessible?

0 / 1 point

Labeling adds contrast to a visualization.

Labeling gives the same information as the legend.

Labeling does *not* depend on interpreting colors.

Labeling hides unnecessary information.

Incorrect

Review the video on headlines, subtitles, and labels.

8.

Question 8

What can you do to simplify your visualizations to make them accessible to a broad audience?

1 / 1 point

Remove data labels

Reduce the amount of information

Use abbreviations in headlines

Use more text than visuals

Correct