



Try again once you are ready

TO PASS 80% or higher

Try again

GRADE

50%

Test your knowledge on designing data visualizations

TOTAL POINTS 4

1. Which element of design can add visual form to your data and help build the structure for your visualization?

0 / 1 point

- ☐ Space
- ☒ Movement
- ☐ Shape
- ☐ Line



Incorrect

Lines add visual form to your data and help build the structure for your visualization. Movement can be the path the audience's attention is drawn or actual animations. Movement creates a sense of flow or action in a visualization.

2. Which of the following are elements for effective visuals? Select all that apply.

1 / 1 point

- ☒ Clear meaning



Correct

The elements for effective visuals are clear meaning, sophisticated use of contrast, and refined execution.

- ☐ Clear goal

- ☒ Refined execution



Correct

The elements for effective visuals are clear meaning, sophisticated use of contrast, and refined execution.

- ☒ Sophisticated use of contrast



Correct

The elements for effective visuals are clear meaning, sophisticated use of contrast, and refined execution.

3. Fill in the blank: Design thinking is a process used to solve complex problems in a ____ way.

1 / 1 point

- ☐ pre-attentive
- ☐ action-oriented
- ☒ user-centric
- ☐ step-by-step



Correct

Design thinking is a process used to solve complex problems in a user-centric way. It enables data analysts to identify alternative strategies for visualizations.

4. While creating a data visualization for your stakeholders, you realize certain colors might make it more difficult for your audience to understand the data. So, you choose colors that are more accessible. What phase of the design process does this represent?

0 / 1 point

- ☐ Prototype
- ☐ Empathize
- ☒ Ideate
- ☐ Define



Incorrect

During the empathize phase, you consider the emotions and needs of the target audience for your data visualization. The ideate phase involves generating data visualization ideas; this is when you brainstorm potential visualization solutions to help your audience understand your findings.

