✅ **Congratulations! You passed!**

Weekly challenge 1

Grade received 8▼.50%	Latest Submission grade 87.50%	To pass 80% or higher

Quiz • 40 min

Go to next item

Review Learning Objectives

1. A data analyst wants to create a visualization that demonstrates how often data values fall into certain ranges. What type of data visualization should they use?

1 / 1 point

✅ **Submit your assignment**

Due Jun 25, 11:59 PM +08   **Attempts** 3 every 24 hours

Try again

○ Scatterplot

○ Line graph

○ Correlation chart

◉ Histogram   ✅ **Receive grade**

○ Correct   **To Pass** 80% or higher

Your grade	View Feedback
87.50%	We keep your highest score

👍 Like   👎 Dislike   ⌷ Report an issue

2. What do correlation charts reveal about the data they contain?

1 / 1 point

◉ Relationships

○ Changes

○ Visualizations

○ Causations

⊘ Correct

3. Fill in the blank: A data analyst creates a presentation for stakeholders. They include _____ visualizations because they don't want the visualizations to change unless they choose to edit them.

1 / 1 point

○ dynamic

◉ static

○ geometric

○ aesthetic

⊘ Correct

4. What type of charts are effective for presenting the composition of data? Select all the apply.

0 / 1 point

☑ Pie chart

⊘ Correct

☐ Line chart

☑ Tree map

⊘ Correct

☑ Heat map

⊗ **This should not be selected**
Review the video about the elements of effective visualization 🔗.

5. When using design thinking, what group of people should you think about the most?

1 / 1 point

○ Your team

◉ Your users

○ The shareholders

○ The general public

⊘ Correct

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

○ Prototype

○ Test

◉ Ideate

○ Define

⊘ Correct

7. A data analyst wants to make their visualizations more accessible by adding text explanations directly on the visualization. What is this called?

1 / 1 point

○ Distinguishing

○ Simplifying

◉ Labeling

○ Subtitling

⊘ Correct

8. Distinguishing elements of your data visualizations makes the content easier to see. This can help make them more accessible for audience members with visual impairments. What are some methods data analysts use to distinguish elements?

1 / 1 point

○ Ensure all elements are highlighted equally

◉ Separate the foreground and background

○ Add a legend

○ Use similar colors and shapes

⊘ Correct