

- Problem-solving and effective questioning
- Take action with data
- Solve problems with data
- Craft effective questions
- *Weekly challenge 1*
- Reading: Glossary: Terms and definitions

10 min
- Quiz: *Weekly challenge 1*

8 questions

✔ Congratulations! You passed!

Grade received 100%

Latest Submission Score 100%

Weekly challenge 1*

To pass 80% or higher

Retake the assignment in 23h 56m

Go to next item

Review Learning Objectives

1. Structured thinking involves recognizing the current problem or situation you're facing and identifying your options.

1 / 1 point

- ☒ True

☐ False

✔ Correct

✔ Receive grade

To Pass 80% or higher

2. A data analyst creates data visualizations and a slideshow. Which phase of the data analysis process does this describe?

- ☒ Share

☐ Process

☐ Prepare

☐ Act

✔ Correct

3. Why is reaching your target audience important in data analysis?

1 / 1 point

- ☐ It improves customer service for those currently using your products.

☐ It makes your products easier to use for your customers.

☒ It brings awareness of your products to potential customers.

☐ It increases the effectiveness of your services for customers.
- ✔ Correct

4. A data analyst is working for a local power company. Recently, many new apartments have been built in the community, so the company wants to determine how much electricity it needs to produce for the new residents in the future. A data analyst uses data to help the company make a more informed forecast. This is an example of which problem type?

1 / 1 point

- ☒ Making predictions

☐ Spotting something unusual

☐ Discovering connections

☐ Identifying themes
- ✔ Correct

5. In data analysis, categorizing things involves which of the following?

1 / 1 point

- ☐ Creating new classifications for items and assigning grades to items

☐ Determining how items are different from each other

☐ Taking an inventory of items

☒ Assigning items to categories
- ✔ Correct

6. Which of the following examples are vague questions? Select all that apply.

1 / 1 point

- ☒ Who was the greatest of all time?

✔ Correct

☒ Do you generally prefer hot or cold?

✔ Correct

☐ How much time did you spend waiting in line?

☒ What's the best place to purchase the things we need?

✔ Correct

7. The question, "Why don't our employees complete their timesheets each Friday by noon?" is not action-oriented. Which of the following questions are action-oriented and more likely to lead to change? Select all that apply.

1 / 1 point

- ☒ What functionalities would make our timesheet web page more user-friendly?

✔ Correct

☒ What features could we add to our calendar app as a weekly timesheet reminder to employees?

✔ Correct

☐ Why don't employees prioritize filling out their timesheets by noon on Fridays?

☒ How could we simplify the time-keeping process for our employees?

✔ Correct

8. Questions that make assumptions often involve concepts that are formed without evidence. An example of this is an idea that is accepted as true without proof.

1 / 1 point

- ☒ True

☐ False
- ✔ Correct