

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

Try again once you are ready

Grade 10

Latest Submission received 68.75%
Quiz • 40 min

To pass 80% or higher

Try again

Review Learning Objectives

1. Structured thinking involves which of the following processes? Select all that apply.

0.75 / 1 point

Try again

Recognizing your own situation

Correct

Due Jun 11, 11:59 PM +08

Attempts 3 every 24 hours

Asking SMART questions

Receiving grade

This should not be selected

To pass 80% or higher

Review the video on the data analysis process

Revealing gaps and opportunities

Correct

Like

Dislike

Report an issue

Organizing available information

Correct

2. The share phase of the data analysis process typically involves which of the following activities? Select all that apply.

0.75 / 1 point

Try again

Summarizing results using data visualizations

Correct

Putting analysis into action to solve a problem

This should not be selected

To pass 80% or higher

Review the video on the data analysis process

Communicating findings

Correct

Creating a slideshow to present to stakeholders

Correct

3. A recycling center that sponsors a podcast about saving the environment is an example of what strategy?

1 / 1 point

Try again

Defining the problem to be solved

Trying to reach a target audience

Staying on budget

Making recommendations

Correct

4. Making predictions is one of the six data analytics problem types. How does data factor into such problem types?

1 / 1 point

Try again

The data are the predictions.

The data informs the predictions.

The predictions validate the data.

The data confirms the decisions.

Correct

5. Categorizing things involves assigning items to categories. Identifying themes takes those categories a step further, grouping them into broader themes or classifications.

0 / 1 point

Try again

True

False

Incorrect

To pass 80% or higher

Review the video on the six data problem types

6. Which of the following examples are closed-ended questions? Select all that apply.

0.5 / 1 point

Try again

What is your opinion of the new movie?

This should not be selected

To pass 80% or higher

Review the video on asking effective questions

Have you taken this class before?

Correct

What did you think about the article that I sent you?

This should not be selected

To pass 80% or higher

Review the video on asking effective questions

How tall are you?

Correct

7. The question, "Why was the Monday afternoon yoga class successful?" is not measurable. Which of the following questions presents a measurable way to learn about the yoga class?

1 / 1 point

Try again

Is yoga a great way to stretch and strengthen your body?

Do yoga instructors seem more energetic at the beginning of the week?

How many customers responded to our recent half-price yoga promotion?

Why do people like taking yoga classes on Mondays?

Correct

8. Which of the following questions are unfair because they make assumptions? Select all that apply.

0.5 / 1 point

Try again

You want this as soon as possible, right?

Correct

How much do you like this art style?

Correct

Have you eaten at this restaurant before?

This should not be selected

To pass 80% or higher

Review the video on writing effective questions

Did the project finish this week?

This should not be selected

To pass 80% or higher

Review the video on writing effective questions