



! Try again once you are ready
TO PASS 80% or higher

Try again

GRADE
75%

Weekly challenge 2

LATEST SUBMISSION GRADE

75%

1. The qualities and characteristics that enable a data analyst to solve problems are called what?

1 / 1 point

- ☐ Big-picture thinking
- ☐ Gut instinct
- ☐ Data strategy
- ☒ Analytical skills

✓ Correct

Correct! Analytical skills are qualities and characteristics associated with solving problems using facts.

2. Seeking out new challenges and experiences in order to learn is an example of which analytical skill?

1 / 1 point

- ☐ Data strategy
- ☐ Having a technical mindset
- ☐ Understanding context
- ☒ Curiosity

✓ Correct

Correct! Curious people seek out new challenges, which leads to knowledge.

3. Understanding context is an analytical skill best described by which of the following? Select all that apply.

1 / 1 point

- ☒ Identifying the motivation behind the collection of a dataset

✓ Correct

Correct! Context is the condition in which something exists, such as a structure. Identifying the motivation behind the collection of a dataset helps you understand the context.

- ☐ Working with facts in an orderly manner

- ☒ Adding descriptive headers to columns of data in a spreadsheet

✓ Correct

Correct! Context is the condition in which something exists, such as a structure. Adding descriptive headers to columns of data in a spreadsheet provides context about the data below.

- ☒ Gathering additional information about your data to understand the broader picture

✓ Correct

Correct! Context is the condition in which something exists, such as a structure. Gathering extra information about your data to understand the broader picture provides context.

4. Having a technical mindset is an analytical skill involving what?

1 / 1 point

- ☐ Balancing roles and responsibilities
- ☒ Breaking things down into smaller steps or pieces
- ☐ Managing people, processes, and tools
- ☐ Understanding the condition in which something exists or happens

✓ Correct

Correct! Having a technical mindset involves the ability to break things down into smaller steps or pieces and work with them in an orderly and logical way.

5. Fill in the blank: Data design describes how you ____ information.

1 / 1 point

- ☐ visualize
- ☒ organize
- ☐ choose
- ☐ manage

✓ **Correct**

Correct! Data design is how you organize information.

6. Fill in the blank: Data strategy involves ____ the people, processes, and tools used in data analysis.

1 / 1 point

- ☐ supervising
- ☐ choosing
- ☒ managing
- ☐ visualizing

✓ **Correct**

Correct! Data strategy is the management of the people, processes, and tools used in data analysis.

7. Identifying, defining, and solving a problem by using data in an organized, step-by-step manner describes what practice?

1 / 1 point

- ☐ Data design
- ☐ Visualization
- ☒ Analytical thinking
- ☐ Context

✓ **Correct**

Correct! Analytical thinking involves identifying and defining a problem, then solving it by using data in an organized, step-by-step manner.

8. Which of these are examples of visualization? Select all that apply.

0 / 1 point

☒ Spreadsheets

! **This should not be selected**

Incorrect. Review the section on analytical thinking for a refresher.

☒ Charts

✓ **Correct**

Correct! Visualization is the graphical representation of information. Some examples include maps and charts.

☐ Databases

☒ Maps

✓ **Correct**

Correct! Visualization is the graphical representation of information. Some examples include maps, and charts.

9. Data analysts use a detail-oriented approach to zoom out and see possibilities and opportunities.

0 / 1 point

- ☒ True
- ☐ False

! **Incorrect**

Incorrect. Review the section on analytical thinking for a refresher.

10. Fill in the blank: A process called ____ is often used by data analysts to get to the root cause of a problem.

1 / 1 point

- ☐ strategizing
- ☐ data visualization
- ☒ the five whys

- ☐ the five whys
- ☐ gap analysis

✓ **Correct**

Correct! In the five whys, you ask, "Why?" five times to reveal the root cause of a problem.

11. A method for examining and evaluating how a process works currently in order to get where you want to be in the future describes what?

1 / 1 point

- ☐ Strategy
- ☐ Data visualization
- ☒ Gap analysis
- ☐ The five whys

✓ **Correct**

Correct! Gap analysis is a method for examining and evaluating how a process works currently in order to get where you want to be in the future.

12. Fill in the blank: Data analysts use the five analytical skills of curiosity, understanding context, having a technical mindset, data design, and data strategy to make _____ decisions.

0 / 1 point

- ☐ forward-looking
- ☐ intuitive
- ☒ more efficient
- ☐ data-driven

! **Incorrect**

Incorrect. Review the section on analytical thinking for a refresher.