



! 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. Curiosity is an analytical skill that involves which of the following?

1 / 1 point

- ☒ Seeking out new challenges and experiences
- ☐ Collaborating to solve a problem
- ☐ Tapping into your natural abilities
- ☐ Working with facts in an orderly manner



Correct

Correct. Curious people usually seek out new challenges and experiences which leads to knowledge.

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

0 / 1 point

- ☒ Working with facts in an orderly manner



This should not be selected

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

- ☒ 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.

- ☒ 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

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

✓ **Correct**

Correct! Data design is how you organize information.

6. Data design is how you organize information; data strategy is the management of the people, processes, and tools used in data analysis.

1 / 1 point

- ☐ False.
- ☒ True.

✓ **Correct**

Correct! Data design is how you organize information; data strategy is the management of the people, processes, and tools used in data analysis.

7. Which of the following are aspects of analytical thinking? Select all that apply.

0 / 1 point

☒ Correlation

✓ **Correct**

Correct! Analytical thinking involves five key aspects: visualization, strategy, problem-orientation, correlation, and big-picture and detail-oriented thinking.

☒ Problem-orientation

✓ **Correct**

Correct! Analytical thinking involves five key aspects: visualization, strategy, problem-orientation, correlation, and big-picture and detail-oriented thinking.

☒ Visualization

✓ **Correct**

Correct! Analytical thinking involves five key aspects: visualization, strategy, problem-orientation, correlation, and big-picture and detail-oriented thinking.

☒ Data design

! **This should not be selected**

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

8. Visualization is an approach used to improve the quality and usefulness of the data.

1 / 1 point

- ☒ False
- ☐ True

✓ **Correct**

Correct! Visualization is used to represent information graphically.

9. Fill in the blank: Detail-oriented thinking is about figuring out all of the ____ that will help you execute a plan.

0 / 1 point

- ☒ information
- ☐ instructions
- ☐ datasets
- ☐ specifics

! **Incorrect**

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

10. Data analysts ask, "Why?" five times in order to examine and evaluate how a process works currently in order to get it where they want it to be in the future.

1 / 1 point

- ☐ True
- ☒ False

✓ **Correct**

Correct! The five whys process is used to get to the root cause of a problem.

11. An airport wants to make its luggage-handling process faster and simpler for travelers. A data analyst is hired to examine and evaluate how the process works currently in order to achieve the goal of a more efficient process. What methodology would they use?

1 / 1 point

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

✓ **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. Data-driven decision-making involves the five analytical skills: curiosity, understanding context, having a technical mindset, data design, and data strategy. Each plays a role in data-driven decision-making.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

Correct! Data-driven decision-making involves curiosity, understanding context, having a technical mindset, data design, and data strategy.