



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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Weekly challenge 2

LATEST SUBMISSION GRADE

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1. Fill in the blank: Analytical skills are defined as ____.

1 / 1 point

- ☒ qualities and characteristics associated with solving problems using facts
- ☐ the management of people, processes, and tools
- ☐ the ability to break things down into smaller steps
- ☐ someone's intuition, inner voice, or gut instinct

✓ **Correct**

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

2. A junior data analyst is seeking out new experiences in order to gain knowledge. They watch videos and read articles about data analytics. They seek out analytics professionals and ask these experts questions. Which analytical skill are they using?

1 / 1 point

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

✓ **Correct**

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

3. Adding descriptive headers to columns of data in a spreadsheet is an example of which analytical skill?

1 / 1 point

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

✓ **Correct**

Correct! Context is the condition in which something exists, such as a structure. Labeling the top row in a spreadsheet column provides context about the data below.

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

1 / 1 point

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

✓ **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. A data analyst is setting up a new database. They decide how the information inside will be organized by creating data tables and choosing how those tables relate to each other. Which analytical skill are they using?

1 / 1 point

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



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

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



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

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



Correct

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

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

1 / 1 point

- ☐ True
- ☒ False



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
- ☐ specifics
- ☐ datasets



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

- ☐ Strategy
- ☐ The five whys
- ☐ Data visualization
- ☒ 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. 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.

1 / 1 point

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

✓ **Correct**

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