



Herzlichen Glückwunsch! Sie haben bestanden!

ZUM BESTEHEN 80 % oder höher

Lernen Sie weiter

BEWERTUNG  
90 %

## \*Weekly challenge 2\*

NEUESTE EINREICHUNGSBEWERTUNG

90%

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

1 / 1 Punkten

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

✓ Richtig

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 ask experts questions. Which analytical skill are they using?

1 / 1 Punkten

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

✓ Richtig

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

3. Identifying the motivation behind data collection and gathering additional information are examples of which analytical skill?

1 / 1 Punkten

- ☒ Understanding context
- ☐ Data strategy
- ☐ Data design
- ☐ A technical mindset

✓ Richtig

Identifying the motivation behind data collection and gathering additional information are examples of understanding context. Context is the condition in which something exists.

4. A data analyst works for an appliance manufacturer. Last year, the company's profits were down. Lower profits can be a result of fewer people buying appliances, higher costs to make appliances, or a combination of both. The analyst recognizes that those are big issues to solve, so they break down the problems into smaller pieces to analyze them in an orderly way. Which analytical skill are they using?

1 / 1 Punkten

- ☐ Data strategy
- ☐ Understanding context
- ☐ Curiosity
- ☒ A technical mindset

✓ Richtig

They are using a technical mindset, which involves the ability to break things down into smaller steps or pieces and work with them in an orderly and logical way.

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

1 / 1 Punkten

- ☒ True
- ☐ False

✓ Richtig

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

6. The manager at a music shop notices that more trombones are repaired on the days when Alex and Jasmine work the same shift. After some investigation, the manager discovers that Alex is excellent at fixing slides, and Jasmine is great at shaping mouthpieces. Working together, Alex and Jasmine repair trombones faster. The manager is happy to have discovered this relationship and decides to always schedule Alex and Jasmine for the same shifts. In this scenario, the manager used which quality of analytical thinking?

1 / 1 Punkten

- ☐ Big-picture thinking
- ☒ Correlation
- ☐ Problem-orientation
- ☐ Visualization

✓ Richtig

The manager used correlation, which involves being able to identify a relationship between two or more pieces of data.

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

0 / 1 Punkten

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

! Falsch

Review the section on analytical thinking for a refresher.

8. The five whys is a technique that involves asking, "Why?" five times in order to achieve what goal?

1 / 1 Punkten

- ☐ Visualize how a process should look in the future
- ☐ Use facts to guide business strategy
- ☒ Identify the root cause of a problem
- ☐ Put a plan into action

✓ Richtig

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

9. 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.

1 / 1 Punkten

- ☒ True
- ☐ False

✓ Richtig

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.

10. 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 Punkten

- ☒ True
- ☐ False

✓ Richtig

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