Weekly challenge 2

LATEST SUBMISSION GRADE

100%

1.
Question 1
Seeking out new challenges and experiences in order to learn is an example of which analytical skill?

1 / 1 point

◉ Curiosity

○ Having a technical mindset

○ Understanding context

○ Data strategy

Correct

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

2.
Question 2
Understanding context is an analytical skill best described by which of the following? Select all that apply.

1 / 1 point

☐ Working with facts in an orderly manner

☑ Gathering additional information about data to understand the broader picture

Correct

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

☑

Identifying the motivation behind the collection of a dataset

Correct

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

☑

Adding descriptive headers to columns of data in a spreadsheet

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.

3.
Question 3

Fill in the blank: _____ involves the ability to break things down into smaller steps or pieces and work with them in an orderly and logical way.

1 / 1 point

◯ Context

⦿ A technical mindset

◯ Data strategy

◯ Curiosity

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.

4.
Question 4

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

1 / 1 point

○

supervising

○

choosing

○

visualizing

◉

managing

Correct

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

5.
Question 5
Correlation is the aspect of analytical thinking that involves figuring out the specifics that help you execute a plan.

1 / 1 point
○

True

◉

False

Correct

Correlation involves being able to identify a relationship between two or more pieces of data.

6.
Question 6
The five whys is a technique that involves asking, "Why?" five times in order to achieve what goal?

1 / 1 point
○

Put a plan into action

◉

Identify the root cause of a problem

○

Visualize how a process should look in the future

○

Use facts to guide business strategy

Correct

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

7.
Question 7
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 point
◉

True

○

False

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.

8.
Question 8
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

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