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

[Try again]

GRADE
75%

Weekly challenge 2

LATEST SUBMISSION GRADE

75%

1. Analytical skills are qualities and characteristics associated with big-picture thinking.

    1 / 1 point

    ○ True

    ◉ False

    ✓ **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

    ◉ Curiosity

    ○ Having a technical mindset

    ○ Data strategy

    ○ Understanding context

    ✓ **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

    ○ Data strategy

    ◉ Understanding context

    ○ Curiosity

    ○ Having a technical mindset

    ✓ **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. 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

    ○ Curiosity

    ◉ A technical mindset

    ○ Data strategy

    ○ Context

    ✓ **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

    ○ Data strategy

    ◉ Data design

    ○ Understanding context

    ○ Having a technical mindset

    ✓ **Correct**
    Correct! Data design is how you organize information.

Correct! Data design is how you organize information.

6. Managing the people, processes, and tools used in data analysis describes which analytical skill? **1 / 1 point**

   ○ Curiosity

   ⦿ Data strategy

   ○ Data design

   ○ Understanding context

   ✓ **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

   ○ Context

   ⦿ Analytical thinking

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

8. A data analyst is working on a project about all of the world languages. They want to analyze where the languages are spoken and how they influence each other. The analyst creates a map showing the thousands of languages, where they originated, where they're spoken today, and how many people speak them. The map they create is a type of what? **0 / 1 point**

   ○ Context

   ⦿ The big picture

   ○ Visualization

   ○ Problem-solving

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

9. When executing a plan, a data analyst always double-checks their work, reads emails twice before sending them, and makes sure instructions are clear and correct the first time. They save their company time, money, and effort by paying attention to the specifics. This is an example of what? **1 / 1 point**

   ○ Strategy

   ○ Context

   ○ Problem-solving

   ⦿ Detail-oriented thinking

   ✓ **Correct**
   Correct! Detail-oriented thinking is about all of the specifics that will help you execute a plan.

10. What is a method that data analysts use to get to the root cause of a problem? **1 / 1 point**

    ○ Gap analysis

    ⦿ The five whys

    ○ Business strategy

    ○ Data visualization

    ✓ **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? **0 / 1 point**

    ○ The five whys

    ⦿ Strategy

    ○ Data visualization

○ Gap analysis

> ! **Incorrect**
>
> Incorrect. Review the section on analytical thinking for a refresher.

12. A company is receiving negative comments on social media about their products. To solve this problem, a data analyst uses each of their five analytical skills: curiosity, understanding context, having a technical mindset, data design, and data strategy. This makes it possible for the analyst to use facts to guide business strategy and figure out how to improve customer satisfaction. What is this an example of?   **0 / 1 point**

○ Gap analysis

○ Data visualization

○ Data-driven decision-making

⦿ Data science

> ! **Incorrect**
>
> Incorrect. Review the section on data-driven decision-making for a refresher.

○ Gap analysis

> ! **Incorrect**
>
> Incorrect. Review the section on analytical thinking for a refresher.