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TO PASS 80% or higher

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GRADE  
100%

## \*Weekly challenge 3\*

LATEST SUBMISSION GRADE

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1. Fill in the blank: A business decides what kind of data it needs, how the data will be managed, and who will be responsible for it during the \_\_\_\_ stage of the data life cycle.

1 / 1 point

- ☒ plan  
☐ capture  
☐ manage  
☐ analyze

✓ **Correct**

A business decides what kind of data it needs, how the data will be managed, and who will be responsible for it during the plan stage of the data life cycle.

2. A data analyst has finished an analysis project that involved private company data. They erase the digital files in order to keep the information secure. This describes which stage of the data life cycle?

1 / 1 point

- ☐ Archive  
☐ Manage  
☒ Destroy  
☐ Plan

✓ **Correct**

This describes the destroy phase, during which data analysts use secure data-erasure software and shred paper files to protect private information.

3. During the capture stage of the data life cycle, a data analyst may use spreadsheets to aggregate data.

1 / 1 point

- ☐ True  
☒ False

✓ **Correct**

Using spreadsheets to aggregate data would happen during the analyze stage.

4. The data life cycle deals with the stages that data goes through; data analysis involves following a process to analyze data.

1 / 1 point

- ☒ True  
☐ False

✓ **Correct**

The data life cycle deals with the stages that data goes through during its useful life; data analysis involves following a process to analyze data.

5. A company takes insights provided by its data analytics team, validates them, and finalizes a strategy. They then implement a plan to solve the original business problem. This describes the share step of the data analysis process.

1 / 1 point

- ☐ True  
☒ False

✓ **Correct**

This describes the act phase, when insights are put into action.

6. Fill in the blank: A formula is a set of instructions used to perform a specified calculation; whereas a function is \_\_\_\_.

1 / 1 point

- ☒ a predefined operation
- ☐ a particular value
- ☐ a computer programming language
- ☐ a question written by the user

✓ **Correct**

A formula is a set of instructions used to perform a specified calculation; a function is a preset command that automatically performs a specified process.

7. Fill in the blank: To request, retrieve, and update information in a database, data analysts use a \_\_\_\_.

1 / 1 point

- ☐ calculation
- ☐ dashboard
- ☒ query
- ☐ formula

✓ **Correct**

A query enables data analysts to request, retrieve, and update information from a database.

8. A data analyst wants to retrieve information from a database. Select the correct tool from the data analyst's toolkit.

1 / 1 point

- ☐ Visualization
- ☐ Dashboard
- ☐ Spreadsheet
- ☒ Query

✓ **Correct**

A query enables data analysts to request, retrieve, and update information from a database.