

# Congratulations! You passed!

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## \*Weekly challenge 3\*

Latest Submission Grade 100%

1. The manage stage of the data life cycle is when a business decides what kind of data it needs, how the data will be handled, and who will be responsible for it.

1 / 1 point

☐ True

☒ False

✓ **Correct**

During planning, a business decides what kind of data it needs, how it will be managed throughout its life cycle, who will be responsible for it, and the optimal outcomes.

2. The destroy stage of the data life cycle might involve which of the following actions?  
Select all that apply.

1 / 1 point

☐ Storing data for future use

☒ Shredding paper files

✓ **Correct**

The destroy stage of the data life cycle might involve shredding paper files or using data-erasure software.

☐ Uploading data to the cloud

☒ Using data-erasure software

☒ **Correct**

The destroy phase of the data life cycle might involve shredding paper files or using data-erasure software.

3. In the analyze stage of the data life cycle, what might a data analyst do? Select all that apply.

1 / 1 point

☒ Create a report from the data

☒ **Correct**

In the analyze stage of the data life cycle, a data analyst might use formulas to perform calculations, create a report from the data, or use spreadsheets to aggregate data.

☐ Choose the format of spreadsheet headings

☒ Use a formula to perform calculations

☒ **Correct**

In the analyze stage of the data life cycle, a data analyst might use formulas to perform calculations, create a report from the data, or use spreadsheets to aggregate data.

☒ Use spreadsheets to aggregate data

☒ **Correct**

In the analyze stage of the data life cycle, a data analyst might use formulas to perform calculations, create a report from the data, or use spreadsheets to aggregate data.

4. Describe how the data life cycle differs from data analysis.

1 / 1 point

- ☒ The data life cycle deals with the stages that data goes through during its useful life; data analysis is the process of analyzing data.
- ☐ The data life cycle deals with transforming and verifying data; data analysis is using the insights gained from the data.
- ☐ The data life cycle deals with identifying the best data to solve a problem; data analysis is about asking effective questions.
- ☐ The data life cycle deals with making informed decisions; data analysis is using tools to transform data.

☒ **Correct**

The data life cycle involves stages for identifying needs and managing data.  
Data analysis involves process steps to make meaning from 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 computer programming language
- ☒ a predefined operation

- ☐ a particular value
- ☐ 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. Data analysts use queries to request, retrieve, and update information within a database.

1 / 1 point

- ☒ True
- ☐ False

☒ **Correct**

Data analysts use queries to request, retrieve, and update information within a database.

8. Fill in the blank: Structured query language (SQL) enables data analysts to \_\_\_\_\_ the information in a database. Select all that apply.

1 / 1 point

☒ request

☒ **Correct**

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

☒ retrieve

☒ **Correct**

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

☒ update



**Correct**

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

☐ visualize