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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. A data analyst is working at a small tech startup. They've just completed an analysis project, which involved private company information about a new product launch. In order to keep the information safe, the analyst uses secure data-erasure software for the digital files and a shredder for the paper files. Which stage of the data life cycle does this describe?

1 / 1 point

- ☐ Manage
- ☒ Destroy
- ☐ Plan
- ☐ Archive

✓ Correct

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

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

1 / 1 point

- ☒ 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.

- ☒ 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 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. 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. What actions might a data analytics team take in the act phase of the data analysis process? Select all that apply.

1 / 1 point

☒ Validating insights provided by analysts



Correct

During the act phase, a data analytics team might validate insights, finalize a strategy, and put a plan into action.

☒ Putting a plan into action to help solve the business problem



Correct

During the act phase, a data analytics team might validate insights, finalize a strategy, and put a plan into action.

☐ Sharing analysis results using data visualizations

☒ Finalizing a strategy based on the analysis



Correct

During the act phase, a data analytics team might validate insights, finalize a strategy, and put a plan into action.

6. Fill in the blank: A function is a predefined operation, whereas a formula is ____.

1 / 1 point

☒ a set of instructions used to perform a specified calculation

☐ a computer programming language

☐ a predefined statement

☐ a particular value



Correct

A function is a predefined operation, whereas a formula is a set of instructions used to perform a specified calculation.

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

1 / 1 point

☐ formula

☐ dashboard

☐ calculation

☒ query



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

☒ Query

☐ Spreadsheet



Correct

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