

Herzlichen Glückwunsch! Sie haben bestanden!

ZUM BESTEHEN 80 % oder höher

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BEWERTUNG

85 %

Weekly challenge 3

NEUESTE EINREICHUNGSBEWERTUNG

85%

1. In which stage of the data life cycle does a business decide what kind of data it needs, how the data will be managed, and who will be responsible for it?

0 / 1 Punkten

- ☐ Capture
- ☐ Analyze
- ☒ Manage
- ☐ Plan

Falsch

Review the section on the data life cycle for a refresher.

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

1 / 1 Punkten

- ☐ Storing data for future use
- ☒ Using data-erasure software

Richtig

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

- ☒ Shredding paper files

Richtig

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

- ☐ Uploading data to the cloud

3. A data analyst uses a spreadsheet function to aggregate data. Then, they add a pivot table to show totals from least to greatest. This would happen during which phase of the data life cycle?

1 / 1 Punkten

- ☐ Manage
- ☒ Analyze
- ☐ Plan
- ☐ Capture

Richtig

The analyze phase is when data is used to make good decisions, and a spreadsheet is a very useful tool for supporting that objective.

4. Fill in the blank: The data life cycle has six stages, whereas data analysis has six ____.

1 / 1 Punkten

- ☐ data types
- ☐ data analytics tools
- ☒ process steps
- ☐ key questions

Richtig

Although both the data life cycle and the data analysis process have six elements, the life cycle involves stages and analysis involves process steps.

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

0,75 / 1 Punkten

- ☐ Putting a plan into action to help solve the business problem
- ☒ Finalizing a strategy based on the analysis

Richtig

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

- ☒ Validating insights provided by analysts

Richtig

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

Sie haben nicht alle korrekten Antworten ausgewählt.

6. Fill in the blank: Spreadsheets are ____ that can be used to store, organize, and sort data.

1 / 1 Punkten

- ☒ digital worksheets
- ☐ visual representations
- ☐ interactive dashboards
- ☐ formulas and functions

Richtig

Spreadsheets are digital worksheets that can be used to store, organize, and sort data.

7. Fill in the blank: A formula is a statement written by the user, whereas a function is ____.

1 / 1 Punkten

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

Richtig

A formula is a statement written by the user; a function is a predefined operation.

8. Fill in the blank: A query is used to ____ information from a database. Select all that apply.

0,75 / 1 Punkten

- ☐ request
- ☐ analyze
- ☒ update

Richtig

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

- ☒ retrieve

Richtig

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

Sie haben nicht alle korrekten Antworten ausgewählt.

9. Structured query language (SQL) enables data analysts to communicate with a database.

1 / 1 Punkten

- ☒ True
- ☐ False

Richtig

SQL allows a data analyst to communicate with a database in order to retrieve and manipulate data.

10. Which tool can data analysts use to communicate data insights in a compelling way and help people understand data?

1 / 1 Punkten

- ☐ Spreadsheets
- ☐ Query languages
- ☒ Data visualization
- ☐ Databases

Richtig

Data visualization tools make it possible for data analysts to communicate their insights in a more compelling way. Visualizations help others draw conclusions, make decisions, and better understand the data.