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Module 2 challenge

Graded Assignment • 50 min

Due Nov 12, 11:59 PM PST

1. Which of the following activities are part of the manage phase of the data life cycle? Select all that apply.

1 / 1 point

Consider how best to care for data

Correct

Support business goals with data insights

Determine which tools will be most effective at safeguarding data

Correct

Choose where the data will be stored

Correct

2. Which spreadsheet feature is a preset command that automatically performs a specific process or task?

1 / 1 point

Filter

Function

Formula

Format

Correct

3. Which of the following statements correctly describe the archive and the destroy phases of the data life cycle?

1 / 1 point

Select all that apply.

The destroy phase ensures data can be accessed again if necessary

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3. Which of the following statements correctly describe the archive and the destroy phases of the data life cycle?
Select all that apply.

1 / 1 point

- The destroy phase ensures data can be accessed again if necessary.
 Even if data might be needed again in the future, it still may be archived.

 Correct

- Data that is no longer relevant to business goals is often archived.
 Data-erasure software can be used to destroy data on a hard drive.

 Correct

4. What tasks may occur during the ask step of the data analysis process? Select all that apply.

1 / 1 point

- Consider the current state compared to the ideal state
 Stay engaged by having a dialogue with stakeholders

 Correct

- Select appropriate tools for cleaning the data
 Define the problem to be solved

 Correct

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5. Fill in the blank: Data is _____ during the prepare step of the data analysis process.

1 / 1 point

- collected and stored
- filtered and sorted
- presented and shared
- analyzed and interpreted

 Correct

6. A data professional at a beauty products enterprise is assigned a task related to customer buying habits. They think about what type of data they need to be successful, as well as optimal project outcomes. What phase of the data life cycle does this scenario describe?

1 / 1 point

- Plan
- Analyze
- Archive
- Manage

 Correct

7. A data team at a national retail brand wants to understand why customers return certain items. They have two datasets containing statistics about returns. They clean them, then combine them in order to make the information more complete. What step of the data analysis process does this scenario describe?

1 / 1 point

- Process
- Share
- . . .

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7. A data team at a national retail brand wants to understand why customers return certain items. They have two datasets containing statistics about returns. They clean them, then combine them in order to make the information more complete. What step of the data analysis process does this scenario describe?

1 / 1 point

- Process
- Share
- Analyze
- Prepare

Correct

8. Fill in the blank: During the _____ step of the data analysis process, data analysts use tools such as spreadsheets to draw useful conclusions.

1 / 1 point

- process
- share
- act
- analyze

Correct

9. What are some key benefits of data visualizations? Select all that apply.

1 / 1 point

- Data visualizations help people gain insights from data more quickly.

Correct



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9. What are some key benefits of data visualizations? Select all that apply.

1 / 1 point

Data visualizations help people gain insights from data more quickly.

Correct

Maps help people identify patterns in data.

Correct

Complex data can be shared more effectively with nontechnical audiences in visualizations.

Correct

Data visualizations do not require labels or descriptions.

10. Fill in the blank: A university system gathers historical academic data from an outside database and information from the internal records of student applications. This work occurs during the _____ phase of the data life cycle.

1 / 1 point

capture

plan

analyze

manage

Correct