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Module 2 challenge
Graded Assignment • 40 min

Due Dec 3, 11:59 PM PST

Your grade: 100%

Next item →

Your latest: 100% • Your highest: 100% • To pass you need at least 80%. We keep your highest score.

1. A data analyst at a staffing agency automates a process to schedule temporary employees. First, a list of all employees is compiled. Then, they are sorted by availability, area of expertise, and past performance ratings. Finally, employees for each open position are listed. What does this scenario describe?

1 / 1 point

- Data-inspired decision-making
- Creating an algorithm
- Using a formula
- Making a pivot table

Correct

2. Which of the following statements accurately describe qualitative and quantitative data? Select all that apply.

1 / 1 point

- Quantitative data involves specific and objective measures.

Correct

- The weight of a cruise ship is an example of qualitative data.

- Qualitative data describes explanatory assessments of qualities.

Correct

- The texture of a wool sweater is an example of quantitative data.

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3. When working with big data, analysts consider the variety of data within large, complex datasets. What does this entail?

1 / 1 point

- Evaluating the quality and reliability of the data
- Assessing the amount of data available
- Identifying the different kinds of data included
- Understanding how quickly the data can be processed

Correct

4. A junior data analyst uses a spreadsheet tool to create a visualization that groups and counts shipping data by carrier, route, and trip length. What tool are they using?

1 / 1 point

- Sort
- Format
- Pivot table
- Data validation

Correct

5. What is the relationship between a metric and a metric goal?

1 / 1 point

- A metric is a business goal that is evaluated using numerous data points.
- A metric goal is a business objective that is evaluated using metrics.
- A metric is a goal that is set and evaluated by a business.
- A metric goal is a single data point that is quantified with metrics.

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6. Which of the following statements correctly describe dashboards and reports? Select all that apply.

1 / 1 point

Dashboards are useful for data visualization.

 Correct

A report is a static collection of data given to stakeholders periodically.

 Correct

A sales dashboard could be used to track daily e-commerce sales.

 Correct

Reports provide continual access to information.

7. Fill in the blank: ROI is calculated by comparing the two metrics of _____, enabling a company to determine the success of the investment.

1 / 1 point

- investment cost and profit
 gross margin and net margin
 value and expenses
 sales and revenue

 Correct

8. What are some typical challenges that may be faced by businesses that are beginning to collect and use big data? Select all that apply.

1 / 1 point

 0% ← → 100%

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7. Fill in the blank: ROI is calculated by comparing the two metrics of _____, enabling a company to determine the success of the investment.

1 / 1 point

- investment cost and profit
- gross margin and net margin
- value and expenses
- sales and revenue

Correct

8. What are some typical challenges that may be faced by businesses that are beginning to collect and use big data? Select all that apply.

1 / 1 point

- Less efficient decision-making time frames
- Correct
- Difficulty finding important data
- Correct
- Cannot help large organizations spot trends
- There may be gaps in big data business tools

Correct