✓ **Congratulations! You passed!**

Grade received 100%	Latest Submission Grade 100%	To pass 80% or higher

Weekly challenge 5
Quiz • 40 min

Retake the assignment in **23h 52m**

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Review Learning Objectives

1. A restaurant is trying to develop more effective staffing strategies. A data analyst recognizes that there are significantly fewer customers earlier in the business day. They conclude that opening later would be more effective for staffing. What is this an example of?

1 / 1 point

○ Creating efficiencies by analyzing customer foot traffic hours

○ Gathering customer opinions about business changes

○ Creating more effective customer communication

○ Tailoring products to consumer buying habits

✓ **Correct**

Try again

Retake the quiz in **23h 52m**

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2. A restaurant has noticed many popular dishes are running out early in the day. How could a data analyst help identify a solution to this problem? Select all that apply.

1 / 1 point

☐ Analyze the number of staff on shift during peak times

☑ Analyze ordering patterns of those products

   ✓ **Correct**

☑ Examine the number of sales of those products

   ✓ **Correct**

☐ Examine overall daily sales of the restaurant

3. Fill in the blank: A problem is an obstacle to be solved, an issue is a topic to investigate, and a _____ is designed to discover information.

1 / 1 point

⦿ question

○ business task

○ theme

○ breakthrough

✓ **Correct**

4. Data analysts answer questions and solve problems. These are called business tasks.

1 / 1 point

⦿ True

○ False

✓ **Correct**

5. Fill in the blank: Data-driven decision-making is described as using _____ to guide business strategy.

1 / 1 point

○ visualizations

⦿ facts

○ gut instinct

○ intuition

✓ **Correct**

6. Data analysts ensure their analysis is fair for what reason?

1 / 1 point

⦿ Fairness helps them avoid biased conclusions.

○ Fairness helps them stay organized.

○ Fairness helps them pick and choose which data to include from a dataset.

○ Fairness helps them communicate with stakeholders.

✓ **Correct**

7. A data analyst is analyzing fruit and vegetable sales at a grocery store. They're able to find data on everything except red onions. What's the best course of action?

1 / 1 point

⦿ Ask a teammate for help finding data on red onions.

○ Exclude red onions from the analysis.

○ Exclude all onion varieties from the analysis.

○ Use the data on white onions instead, as they're both onion varieties.

✓ **Correct**

8. A gym wants to start offering exercise classes. A data analyst plans to survey 10 people to determine which classes would be most popular. To ensure the data collected is fair, what steps should they take? Select all that apply.

1 / 1 point

☑ Increase the number of participants.

   ✓ **Correct**

☑ Collect data anonymously.

   ✓ **Correct**

☐ Survey only people who don't currently go to the gym.

☑ Ensure participants represent a variety of profiles and backgrounds.

   ✓ **Correct**