




Data analyst job opportunities

The importance of fair business decisions

Optional: Exploring your next job

Weekly challenge 5

-  **Reading:** Glossary: Terms and definitions
10 min
-  **Quiz:** *Weekly challenge 5*
8 questions
-  **Video:** Weekly wrap-up
25 sec

Course challenge

Try again once you are ready

Grade received 78.12% To pass 80% or higher

Latest Submission 1 day ago

Quiz • 40 min

Weekly challenge 5

Review Learning Objectives

Try again

- 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 **submitting your assignment**.

1 / 1 point

Submit your assignment

 - Gathering resources before class attempts to save hours
 - Creating more effective customer communication
 - Tailoring products to consumer buying habits
 - Creating efficiencies by analyzing customer foot traffic

Your grade 78.12%

View Feedback

We keep your highest score

Correct
- A doctor's office discovers that patients are waiting 20 minutes longer for their appointments than in past years. In what ways could a data analyst help solve this problem? Select all that apply.

0.75 / 1 point

 - Analyze a recent change in the average rating for the doctor's office on social media.
 - This should not be selected
Review [the video on the job of a data analyst](#).
 - Analyze the number of patients seen per day compared to past years.
 - Correct
 - Analyze the average length of an appointment this year compared to past years.
 - Correct
 - Analyze how many doctors and nurses are on staff at a given time compared to the number of patients with appointments.
 - Correct
- 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

 - business task
 - breakthrough
 - theme
 - question
 - Correct
- Fill in the blank: A business task is described as the _____ a data analyst answers for a business.

1 / 1 point

 - complaint
 - solution
 - comment
 - question
 - Correct
- Data-driven decision-making is using facts to guide business strategy. The benefits include which of the following? Select all that apply.

0.75 / 1 point

 - Combining observation with objective data
 - Correct
 - Getting a complete picture of a problem and its causes
 - Correct
 - Using data analytics to find the best possible solution to a problem
 - Correct
 - Making the most of intuition and gut instinct
 - This should not be selected
Review [the video on business tasks of the data analyst](#).
- At what point in the data analysis process should a data analyst consider fairness?

0 / 1 point

 - When decisions are made based on the conclusions
 - When data collection begins
 - When conclusions are presented
 - When data is being organized for reporting
 - Incorrect
Review [the video on fairness](#).
- When reviewing student data, a data analyst calculates course pass rates across the entire student population in two ways: once for students in academic support programs and once for students *not* utilizing academic support. What would be an example of a factor creating a bias in this example?

1 / 1 point

 - Not accounting for opportunities to utilize support programs
 - Ensuring a large enough sample size is used
 - Picking and choosing data from the data set
 - Considering systemic issues that may influence data
 - Correct
- 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.

0.75 / 1 point

 - Collect data anonymously.
 - Correct
 - Survey only people who don't currently go to the gym.
 - This should not be selected
Review [the video on fairness](#).
 - Ensure participants represent a variety of profiles and backgrounds.
 - Correct
 - Increase the number of participants.
 - Correct