



! Try again once you are ready
TO PASS 80% or higher

Try again

GRADE
43.75%

Weekly challenge 1

LATEST SUBMISSION GRADE

43.75%

1. The collection, transformation, and organization of data in order to draw conclusions, make predictions, and drive informed decision-making describes what?

1 / 1 point

- ☐ Data life cycle
- ☐ Data science
- ☐ Data analytics
- ☒ Data analysis

✓ Correct

The collection, transformation, and organization of data in order to draw conclusions, make predictions, and drive informed decision-making describes data analysis.

2. In data analytics, a model is a group of elements that interact with one another.

0 / 1 point

- ☒ True
- ☐ False

✗ Incorrect

Review the section on [data analytics basics](#) for a refresher.

3. Fill in the blank: Data ____ involves creating new ways of modeling and understanding the unknown by using raw data.

0 / 1 point

- ☐ engineering
- ☐ design
- ☒ analysis
- ☐ science

✗ Incorrect

Review the section on the [data ecosystem](#) for a refresher.

4. Select the best description of gut instinct.

1 / 1 point

- ☒ An intuitive understanding of something with little or no explanation
- ☐ Choosing facts that complement your personal experiences
- ☐ Using your innate ability to analyze results
- ☐ Manipulating data to match your intuition

✓ Correct

Gut instinct is an intuitive understanding of something with little or no explanation.

5. A furniture manufacturer wants to find a more environmentally friendly way to make its products. A data analyst helps solve this problem by gathering relevant data, analyzing it, and using it to draw conclusions. The analyst then shares their analysis with subject-matter experts from the manufacturing team, who validate the findings. Finally, a plan is put into action. This scenario describes data science.

0 / 1 point

- ☒ True
- ☐ False

✗ Incorrect

Review the section on [using facts to guide business strategy](#) for a refresher.

6. To get the most out of data-driven decision making, it's important to include insights from people very familiar with the

6. To get the most out of data-driven decision-making, it's important to include insights from people very familiar with the business problem. Identify what these people are called.

1 / 1 point

- ☐ Competitors
- ☒ Subject-matter experts
- ☐ Customers
- ☐ Stakeholders



Correct

Subject-matter experts are very familiar with the business problem and can look at the results of data analysis to validate the choices being made.

7. A data analyst finishes analyzing data for a marketing project. The results are clear, so they present findings and recommendations to the client. What should they have done before that presentation?

0 / 1 point

- ☐ Created a model based on the results of the analysis
- ☐ Shared the results with subject-matter experts from the marketing team for their input
- ☒ Archived the datasets in order to keep them secure
- ☐ Surveyed customers about results, conclusions, and recommendations



Incorrect

Review the section on [data-driven decision-making](#) for a refresher.

8. You read an interesting article in a magazine and want to share it in the discussion forum. What should you do when posting? Select all that apply.

0.5 / 1 point

- ☒ Make sure the article is relevant to data analytics.



Correct

Posts should be relevant to data analytics and checked for typos and grammatical errors.

- ☒ Take credit for creating the article.



This should not be selected

Review the section on [discussion forums](#) for a refresher.

- ☐ Check your post for typos or grammatical errors.
- ☐ Include your email address for people to send questions or comments.