

Get started

Transforming data into insights

Understanding the data ecosystem

Program expectations and proper use of the discussion forum

Weekly challenge 1\*

Reading: Glossary: Terms and definitions

10 min

Quiz: Weekly challenge 1\*

8 questions

✔ Congratulations! You passed!

Grade received 100%

Latest Submission Score 100%

Weekly challenge 1\*

To pass 80% or higher

Retake the assignment in 23h 57m

Go to next item

Review Learning Objectives

1. Which of the following options describes data analysis?

1 / 1 point

- ☐ Using facts to guide business strategy.

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

☐ Creating new ways of modeling and understanding the unknown by using raw data.

☐ The various elements that interact with one another in order to provide, manage, store, organize, analyze, and share data.

☒ Correct

Like

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2. In data analytics, what term describes a collection of elements that interact with one another to produce, manage, store, organize, analyze, and share data?

1 / 1 point

- ☐ A database

☐ The cloud environment

☒ A data ecosystem

☐ A modeling system

☒ Correct

3. Fill in the blank: Using data to create new ways of understanding and modeling the unknown is known as \_\_\_\_.

1 / 1 point

- ☐ data analysis

☐ data engineering

☐ data design

☒ data science

☒ Correct

4. Fill in the blank: In data science, \_\_\_\_\_ is when a data analyst uses their unique past experiences to understand the story the data is telling.

1 / 1 point

- ☐ rational thought

☒ gut instinct

☐ awareness

☐ personal opinion

☒ Correct

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-driven decision making.

1 / 1 point

- ☒ True

☐ False

☒ Correct

6. What do subject-matter experts do to support data-driven decision-making? Select all that apply.

1 / 1 point

- ☒ Review the results of data analysis and identify any inconsistencies

☒ Offer insights into the business problem

☒ Validate the choices made as a result of the data insights

☐ Collect, transform, and organize data

☒ Correct

7. You have just finished analyzing data for a marketing project. Before moving forward, you share your results with members of the marketing team to see if they might have additional insights into the business problem. What process does this support?

1 / 1 point

- ☐ Data management

☒ Data-driven decision-making

☐ Data analytics

☐ Data science

☒ Correct

8. Fill in the blank: When posting in a discussion forum, you should always check your post for \_\_\_\_\_ and grammatical errors

1 / 1 point

- ☐ importance

☐ popularity

☐ support

☒ typos

☒ Correct