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	Latest Submission	To pass
★ 87.50%	Grade ★ 87.50%	80% or higher

Weekly challenge 1

Quiz • 40 min

Review Learning Objectives

Go to next item

✔ **Submit your assignment**

Due Jun 11, 11:59 PM +08 **Attempts** 3 every 24 hours

Try again

✔ **Receive grade**

To Pass 80% or higher

Your grade
87.50%

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We keep your highest score

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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 analysis
- ○ Data ecosystem
- ○ Data life cycle
- ○ Data science

✓ **Correct**

2. Fill in the blank: Data ecosystems are made up of elements that _____ with each other. This makes it possible for them to produce, manage, store, organize, analyze, and share data.

1 / 1 point

- ○ unite
- ○ gain insights
- ● interact
- ○ problem-solve

✓ **Correct**

3. Fill in the blank: The primary goal of a data _____ is to create new questions using data, instead of analyzing data to find answers to existing questions.

1 / 1 point

- ○ engineer
- ○ analyst
- ● scientist
- ○ designer

✓ **Correct**

4. Select the best description of gut instinct.

1 / 1 point

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

✓ **Correct**

5. If you are using data-driven decision-making, what action steps would you take? Select all that apply.

1 / 1 point

- ☑ Gathering and analyzing data

  ✓ **Correct**

- ☑ Drawing conclusions from your analysis

  ✓ **Correct**

- ☐ Surveying customers about results, conclusions, and recommendations

- ☑ Sharing your results with subject matter experts

  ✓ **Correct**

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

1 / 1 point

- ☐ Collect, transform, and organize data

- ☑ Validate the choices made as a result of the data insights

  ✓ **Correct**

- ☑ Offer insights into the business problem

  ✓ **Correct**

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

  ✓ **Correct**

7. A music streaming service is looking to increase user engagement on their platform. The CEO decides to leverage the company's user data and tasks the data analysts with uncovering unknown trends and characteristics of the companies user base. This strategy is known as what?

0 / 1 point

- ○ Data science decision-making
- ○ Data management decision-making
- ○ Data-driven decision-making
- ● Data analytics decision-making

✗ **Incorrect**
Review the section on business problems 🔗.

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

1 / 1 point

- ○ popularity
- ○ support
- ● typos
- ○ importance

✓ **Correct**

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