

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

★

Latest Submission received 87.50%

★

Weekly challenge 1

★

To pass 80% or higher

Go to next item

📝 Submit your assignment

Due Jun 11, 11:59 PM +08

Attempts 3 every 24 hours

📝 Receive grade

📝 Receive grade

👍 Like

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1 / 1 point

1. Which of the following options describes data analysis?

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

☐ Using facts to guide business strategy

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

☐ Creating a model of a system and understanding the unknown by using raw data

☐ Correct

1 / 1 point

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?

☐ A modeling system

☒ A data ecosystem

☐ The cloud environment

☐ A database

☐ Correct

1 / 1 point

3. A data analyst is someone who does what?

☒ Finds answers to existing questions by creating insights from data sources

☐ Creates new questions using data

☐ Designs new products

☐ Solves engineering problems

☐ Correct

1 / 1 point

4. Data analysts act as detectives to uncover clues within the data. Like a detective, a data analyst may use their \_\_\_\_\_ to solve business problems. Select all that apply.

☒ personal opinion

☒ This should not be selected

Review the section on [analytical approaches](#) [↗](#).

☒ gut instinct

☒ Correct

☒ awareness

☒ Correct

☒ rational thought

☒ Correct

0.75 / 1 point

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

☒ Sharing your results with subject matter experts

☒ Correct

☒ Surveying customers about results, conclusions, and recommendations

☒ This should not be selected

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

☒ Gathering and analyzing data

☒ Correct

☒ Drawing conclusions from your analysis

☒ Correct

0.75 / 1 point

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

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

☒ Correct

☒ Review the results of data analysis and identify any inconsistencies

☒ Correct

☒ Collect, transform, and organize data

☒ This should not be selected

Review the section on [data-driven decision-making](#) [↗](#).

☒ Offer insights into the business problem

☒ Correct

0.75 / 1 point

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?

☐ Data science

☐ Data management

☒ Data-driven decision-making

☐ Data analytics

☐ Correct

1 / 1 point

8. You have recently subscribed to an online data analytics magazine. You really enjoyed an article and want to share it in the discussion forum. Which of the following would be appropriate in a post? Select all that apply.

☒ Giving credit to the original author.

☒ Correct

☒ Including your own thoughts about the article.

☒ Correct

☒ Checking your post for typos or grammatical errors.

☒ Correct

☒ Including an advertisement for how to subscribe to the data analytics magazine.

☒ This should not be selected

Review the section on [discussion forums](#) [↗](#).

0.75 / 1 point