

# Congratulations! You passed!

Grade received 100%

To pass 80% or higher

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item

## \*Weekly challenge 1\*

Latest Submission Grade 100%

1. Which of the following options describes data analysis?

1 / 1 point

- ☒ The collection, transformation, and organization of data in order to draw conclusions, make predictions, and drive informed decision-making
- ☐ The various elements that interact with one another in order to provide, manage, store, organize, analyze, and share data
- ☐ Using facts to guide business strategy
- ☐ Creating new ways of modeling and understanding the unknown by using raw data

✓ **Correct**

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

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

- ☒ interact
- ☐ problem-solve

☐ gain insights

☐ unite

☒ **Correct**

Data ecosystems are made up of various elements that interact with one another in order to produce, manage, store, organize, analyze, and share data.

3. Fill in the blank: The primary goal of a data \_\_\_\_\_ is to create new questions using data.

1 / 1 point

☐ engineer

☐ designer

☒ scientist

☐ analyst

☒ **Correct**

Data scientists create new questions using data. Data science involves creating new ways of modeling and understanding the unknown by using raw data.

4. What tactics can a data analyst use to effectively blend gut instinct with facts? Select all that apply.

1 / 1 point

☒ Apply their unique past experiences to their current work, while keeping in mind the story the data is telling.

☒ **Correct**

At the heart of data-driven decision-making is data, so analysts are most effective when they ensure that facts are driving strategy.

☐ Focus on intuition to choose which data to collect and how to analyze it.

- ☐ Ask how to define success for a project, but rely most heavily on their own personal perspective.
- ☒ Use their knowledge of how their company works to better understand a business need.

☒ **Correct**

At the heart of data-driven decision-making is data, so analysts are most effective when they ensure that facts are driving strategy.

5. A company defines a problem it wants to solve. Then, a data analyst gathers relevant data, analyzes it, and uses it to draw conclusions. The analyst shares their analysis with subject-matter experts, who validate the findings. Finally, a plan is put into action. What does this scenario describe?

1 / 1 point

- ☐ Customer service
- ☐ Data science
- ☒ Data-driven decision-making
- ☐ Identification of trends

☒ **Correct**

This company has put data at the heart of its business strategy in order to achieve data-driven decision-making.

6. Fill in the blank: The people very familiar with a business problem are called \_\_\_\_\_. They are an important part of data-driven decision-making.

1 / 1 point

- ☐ stakeholders
- ☐ competitors
- ☐ customers

☒ subject-matter experts



**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. Sharing the results of your analysis with colleagues who are very familiar with the business problem supports what practice?

1 / 1 point

☒ Data-driven decision-making

☐ Data management

☐ Data science

☐ Data analytics



**Correct**

Sharing the results of your analysis with people who are familiar with the business problem is an example of data-driven decision-making. Data-driven decision-making is using facts to guide business strategy.

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.

1 / 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.

☒ Check your post for typos or grammatical errors.



**Correct**

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



Include your email address for people to send questions or comments.