

[← Back](#)

Module 1 challenge

Graded Assignment • 45 min

 Due Jan 9, 11:59 PM PST

1. Which of the following items are examples of structured data? Select all that apply.

1 / 1 point

Relational database

 Correct

Email message

Business notes

Calendar

 Correct

2. Fill in the blank: The number of points scored in a basketball game is an example of _____ data.

1 / 1 point

continuous

discrete

open

nominal

 Correct

3. Which of the following statements accurately describe first-, second-, and third-party data? Select all that apply.

1 / 1 point

Third-party data comes from outside sources.

[← Back](#)

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Correct

3. Which of the following statements accurately describe first-, second-, and third-party data? Select all that apply.

1 / 1 point

Third-party data comes from outside sources.

Correct

Second-party data is often less reliable than third-party data.

First-, second-, and third-party data should all be checked for accuracy before use.

Correct

First-party data is collected by an individual or group using their own resources.

Correct

4. On very short notice, a data analyst is asked to create a report for stakeholders. Because of the challenging time frame, what type of data might yield the best results?

1 point

Fabricated

Historical

Theoretical

Unclean

Incorrect

Review [the video about data collection.](#)

[← Back](#)

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5. A data team is asked to research the effects of a new vitamin supplement on all people over age 55. Because it would be expensive and time-consuming to collect data from every single person over age 55, they research a part of the population that is representative of the whole. What does this scenario describe?

1 / 1 point

- Choosing a data type
- Using a population
- Using a sample
- Choosing quantitative data

Correct

6. Which of the following items are examples of continuous data? Select all that apply.

1 / 1 point

- Amount of traffic at rush hour
- Correct
- Number of languages spoken
- Favorite live music venue
- Square footage of a house

Correct

7. What type of data is contained in the following spreadsheet?

1 / 1 point

Customer	Year	Spend
100048	2023	\$593

[← Back](#)**Module 1 challenge**

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7. What type of data is contained in the following spreadsheet?

1 / 1 point

Customer	Year	Spend
10048	2023	\$593
10048	2022	\$719
10048	2021	\$488
29901	2023	\$1,045
29901	2022	\$992
29901	2021	\$1,180

- Long
- Tall
- Unstructured
- Wide

 Correct

8. Which of the following questions would enable a data professional to collect nominal qualitative data?

1 / 1 point

- What is your height?
- How many books do you own?
- Is this your first time dining at this restaurant?

[← Back](#)

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Unstructured

Wide

Correct

8. Which of the following questions would enable a data professional to collect nominal qualitative data?

1 / 1 point

What is your height?

How many books do you own?

Is this your first time dining at this restaurant?

How many years of experience do you have?

Correct

9. A data professional at a social media company records whether users have shared a particular post or not.
What data type is being collected in this scenario?

1 / 1 point

String

Numerical

Text

Boolean

Correct