

Unbiased and objective data

Explore data credibility

Data ethics and privacy

Understanding open data

\*Weekly challenge 2\*

Reading: Glossary: Terms and definitions

10 min

Quiz: \*Weekly challenge 2\*

8 questions

✔ Congratulations! You passed!

Grade received

96.87%

Quiz • 40 min

Latest Submission

Grade 96.87%

Graded on 1 Jun 11:59 PM +08

\*Weekly challenge 2\*

To pass 80% or higher

Retake the assignment in 23h 58m

Go to next item

Review Learning Objectives

1. Which of the following best describes data bias?

1 / 1 point

- ☐

It refers to the tendency for data to change over time as new data is added.
- ☒

It is a preference for the data in favor of or against a person, group, or thing.
- ☐

It is a measure of how closely the data represent the population.
- ☐

It is the tendency for the data to remain accurate for longer.

☒

Correct

To Pass

80% or higher

Try again

Retake the quiz in 23h 58m

Your grade

96.87%

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2. A researcher believes that playing music to plants will increase flower production. They set up an experiment and collect the data. Although the findings are in line with what they choose to interpret the data in a way that supports their desired result. What type of bias does this represent?

0 / 1 point

- ☐

Observer
- ☐

Sampling
- ☐

Confirmation
- ☒

Interpretation
- ☒

Incorrect

Please review [the video on types of data bias](#) .

3. Which of the following are qualities of unreliable data? Select all that apply.

1 / 1 point

☒ Inaccurate

☒

Correct

☐ Vetted

☒ Incomplete

☒

Correct

☒ Biased

☒

Correct

4. In data ethics, consent gives an individual the right to know the answers to which of the following questions? Select all that apply.

1 / 1 point

☒ How long will my data be stored?

☒

Correct

☒ Why is my data being collected?

☒

Correct

☒ How will my data be used?

☒

Correct

☐ Why am I being forced to share my data?

5. Fill in the blank: The right for an individual to know and understand all of the data-processing activities and algorithms used on their data is called \_\_\_\_\_. .

1 / 1 point

- ☐

consent
- ☒

transaction transparency
- ☐

currency
- ☐

ownership
- ☒

Correct

6. A company collects and analyzes user data. As part of this process, they preserve each data subject's information and activity for all data transactions. What data ethics concept does this describe?

1 / 1 point

- ☐

Consent
- ☐

Transformation
- ☐

Transparency
- ☒

Privacy
- ☒

Correct

7. Why would a company routinely use a data anonymizer when working with their users' data?

1 / 1 point

- ☐

To keep its users' data consistent by removing any identifying information
- ☐

To make it easier to recognize what data corresponds to which individual
- ☒

To protect its users' private and sensitive data by removing any identifying information
- ☐

To eliminate data bias caused by sensitive information
- ☒

Correct

8. A key aspect of open data is free access to people's personal information.

1 / 1 point

- ☐

True
- ☒

False
- ☒

Correct