✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
**100%**

# *Weekly challenge 2*

**LATEST SUBMISSION GRADE**

## 100%

1. Which of the following situations are examples of bias? Select all that apply.

`1 / 1 point`

☑ A dancing competition judge who is a close friend of the dancer who wins the competition

> ✓ **Correct**
> A scholar who only reads sources that support their argument, a daycare that won't hire men for childcare positions, and a dancing competition judge who is a close friend of the dancer who wins the competition are examples of bias.

☐ A researcher who surveys a sample group that is representative of the population

☑ A scholar who only reads sources that support their argument

> ✓ **Correct**
> A scholar who only reads sources that support their argument, a daycare that won't hire men for childcare positions, and a dancing competition judge who is a close friend of the dancer who wins the competition are examples of bias.

☑ A daycare that won't hire men for childcare positions

> ✓ **Correct**
> A scholar who only reads sources that support their argument, a daycare that won't hire men for childcare positions, and a dancing competition judge who is a close friend of the dancer who wins the competition are examples of bias.

2. A university surveys its student-athletes about their experience in college sports. The survey only includes student-athletes with scholarships. What type of bias is this an example of?

`1 / 1 point`

○ Confirmation bias

○ Interpretation bias

○ Observer bias

◉ Sampling bias

> ✓ **Correct**
> This is an example of sampling bias, which is when a sample isn't representative of the population as a whole.

3. In general, the usefulness of data decreases as time passes.

`1 / 1 point`

◉ True

○ False

> ✓ **Correct**
> In general, the usefulness of data decreases as time passes. The best data sources are current and relevant.

4. If a company uses your personal data as part of a financial transaction, you should be made aware of the nature and scale of the transaction. What concept of data ethics does this refer to?

`1 / 1 point`

◉ Currency

○ Ownership

○ Consent

○ Privacy

> ✓ **Correct**
> This refers to currency, which says that individuals should be aware of financial transactions resulting from the use of their personal data and the scale of these transactions.

5. An individual who provides their data has the right to know and understand all of the data-processing activities and algorithms used on that data. This concept refers to which aspect of data ethics?

**1 / 1 point**

- ◉ Transaction transparency
- ○ Ownership
- ○ Consent
- ○ Currency

✓ **Correct**
This refers to transaction transparency, which is the idea that an individual who provides their data has the right to know and understand all of the data-processing activities and algorithms used on that data.

6. The right to inspect, update, or correct your own data is part of which aspect of data ethics?

**1 / 1 point**

- ◉ Data privacy
- ○ Data openness
- ○ Data consent
- ○ Data ownership

✓ **Correct**
The right to inspect, update, or correct your own data is part of data privacy.

7. What is the process of protecting people's private or sensitive data by eliminating identifying information?

**1 / 1 point**

- ◉ Data anonymization
- ○ Data governance
- ○ Data ethics
- ○ Data design

✓ **Correct**
Data anonymization removes personally identifiable information, such as home addresses, telephone numbers, credit card numbers, and medical records.

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

**1 / 1 point**

- ○ True
- ◉ False

✓ **Correct**
Open data does not involve granting free access to people's personal information.