



**Congratulations! You passed!**

TO PASS 80% or higher

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GRADE  
100%

## \*Weekly challenge 2\*

LATEST SUBMISSION GRADE

100%

1. Fill in the blank: A preference in favor of or against a person, group of people, or thing is called \_\_\_\_\_. It is an error in data analytics that can systematically skew results in a certain direction.

1 / 1 point

- ☐ data collection
- ☒ data bias
- ☐ data anonymization
- ☐ data interoperability



**Correct**

Data bias is a type of error that systematically skews results in a certain direction.

2. Which of the following are types of data bias often encountered in data analytics? Select all that apply.

1 / 1 point

- ☒ Observer bias



**Correct**

Observer bias, interpretation bias, and confirmation bias are types of bias often encountered in data analytics.

- ☒ Confirmation bias



**Correct**

Observer bias, interpretation bias, and confirmation bias are types of bias often encountered in data analytics.

- ☐ Educational bias

- ☒ Interpretation bias



**Correct**

Observer bias, interpretation bias, and confirmation bias are types of bias often encountered in data analytics.

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

☐ Currency

☐ Consent

✓ **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. What is data privacy?

1 / 1 point

☐ Providing free access, usage, and sharing of data

☐ Searching for or interpreting supporting information

☒ Preserving a data subject's information and activity for all data transactions

☐ Applying well-founded standards of right and wrong that dictate how data is collected, shared, and used

✓ **Correct**

Data privacy refers to preserving a data subject's information and activity for all data transactions.

7. Data anonymization applies to both text and images.

1 / 1 point

☒ True

☐ False

✓ **Correct**

Data anonymization applies to all personally identifiable information, including text and images.

8. The government of a large city collects data on the quality of the city's infrastructure. Any business, nonprofit organization, or person can access the government's databases and re-use or redistribute the data. Is this an example of open data?

1 / 1 point

☒ Yes

☐ No

✓ **Correct**

This is an example of open data. Everyone must be able to use, re-use, and redistribute open data.