

Name: _____ **Date:** _____

Will You Spot the Signal? Data Literacy Quiz for College Students

Analyze sourcing protocols and data integrity measures used by professionals in healthcare, urban planning, and digital journalism.

1. A researcher accesses the 'World Values Survey' to analyze longitudinal cultural shifts. Which stage of data literacy does this action primarily represent?

- A. Data Encryption
- B. Finding Data
- C. Data Cleaning
- D. Metadata Tagging

2. True or False: Using a dataset with a high 'attrition rate' (participants dropping out) in a long-term medical study is a matter of evaluating data quality.

- A. True
- B. False

3. When an urban planner uses GIS (Geographic Information Systems) mapping to decide where to build new parks based on population density, they are _____ data.

- A. Archiving
- B. Deleting
- C. Using
- D. Encrypting

4. Which strategy is most effective for a journalist to 'manage' their raw interview data and notes to ensure longevity and accessibility?

- A. Storing all notes in a single unlabelled text file
- B. Implementing a standardized naming convention and regular backups
- C. Deleting files immediately after the article is published
- D. Keeping only physical paper copies in an unlocked drawer

5. True or False: A Creative Commons license on a dataset is an indicator of its reliability and accuracy.

- A. True
- B. False

6. An NGO finds that their internal dataset on water quality has many missing entries. This discovery occurs during which phase of data literacy?

- A. Finding
- B. Evaluating
- C. Managing
- D. Visualizing

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7. A historian uses an _____ to access digitized records from the National Archives to feed into a digital humanities project.

- A. API (Application Programming Interface)
- B. SSD (Solid State Drive)
- C. URL Shortener
- D. VPN (Virtual Private Network)

8. True or False: Peer-review is a critical factor to consider when evaluating the credibility of data found in academic journals.

- A. True
- B. False

9. A business analyst creates a trendline based on five years of consumer spending. This is an example of:

- A. Finding data
- B. Governing data
- C. Using data
- D. Encrypting data

10. To protect participant privacy in a sociology study, a researcher should _____ the data before storing it in a shared database.

- A. Delete
- B. Anonymize
- C. Publicize
- D. Fabricate