

PART 3: POST-TEST

1. What is the primary purpose of the SAFER model?

- a) To improve community relations in law enforcement
- b) To reduce social harms through location-based crime and crash data
- c) To increase crime rates through increased law enforcement activity
- d) To establish a new RMS system for law enforcement agencies

Your Answer:

2. Which organization developed the SAFER model?

- a) National Highway Traffic Safety Administration (NHTSA)
- b) Texas Department of Transportation (TxDOT)
- c) International Association of Directors of Law Enforcement Standards and Training (IADLEST)
- d) Federal Bureau of Investigation (FBI)

Your Answer:

3. What does the SAFER model aim to improve for law enforcement agencies?

- a) Traffic safety only
- b) Crime and crash data analysis for crime and traffic safety
- c) Officer training programs
- d) Public outreach campaigns

Your Answer:

4. Which of the following is a benefit of using master static tables in crime analysis?

- a) They only store live data from network servers
- b) They cannot be used in queries
- c) They consolidate data from multiple sources in one location
- d) They are difficult to update and maintain

Your Answer:

5. If you run a “Make Table Query”, it will REPLACE any data in the current table.

- a) True

b) False

Your Answer:

6. If the field names in your “Append query” have the same names as fields in the destination table, Microsoft Access® will fill them out automatically.

- a) True
- b) False

Your Answer:

7. What is the purpose of applying data cleaning techniques in crime analysis?

- a) To reduce the size of the dataset
- b) To ensure data quality and eliminate errors
- c) To analyze traffic patterns
- d) To encrypt sensitive data

Your Answer:

8. When creating master tables, what type of queries are commonly used?

- a) Sorting queries
- b) Make Table and Append queries
- c) Filtering queries
- d) Reporting queries

Your Answer:

9. Why might smaller agencies rely on manual data entry for crime analysis?

- a) They lack sufficient technological infrastructure or automated tools
- b) They need to reduce the number of records in their database
- c) They prefer to avoid using any software
- d) They only collect non-criminal data

Your Answer:

10. What is one significant advantage of using master tables for crime analysis?

- a) They eliminate the need for data validation
- b) They store only live data
- c) They allow for simplified querying and faster analysis
- d) They prevent the addition of analyst notes

Your Answer:

11. What is the purpose of library tables in a database?

- a) To store primary incident data
- b) To serve as a bridge between different tables
- c) To store values needed by the system to perform tasks
- d) To store "look up" values for dropdown menus and categories

Your Answer:

12. Which of the following is a common data error in crime analysis?

- a) Accurately recording the date of the incident
- b) Using standard drop-down menus for data entry
- c) Missing or blank fields
- d) Using a structured query to access data

Your Answer:

13. Which is NOT an example of a system-level solution to improve data quality?

- a) Sending reports back to officers for correction
- b) Identifying duplicates and training officers
- c) Having a single person responsible for quality checks against the database
- d) Creating training sessions for officers on crime analysis

Your Answer:

14. What is the role of link/activity tables in a database?

- a) To store data on individual offenses
- b) To serve as a bridge between two tables with no common fields
- c) To define the roles of individuals involved in a crime
- d) To store incident-related metadata

Your Answer:

15. How can agencies systematically improve data quality at the policy level?

- a) By using automated data collection systems
- b) By focusing on specific error types without agency-wide involvement
- c) By identifying a working team from multiple units to address data quality challenges
- d) By hiring external consultants to clean data

Your Answer:

Right-click on the link below and select “Open in new window” to compare your answers

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