

28 Lecture - CS403

Important Mcqs

1. What is attribute aliasing?

- a) A technique for renaming tables in a database
- b) The practice of giving multiple names to the same attribute in a database
- c) The process of aggregating data from multiple sources
- d) The use of machine learning algorithms to identify data patterns

Answer: b) The practice of giving multiple names to the same attribute in a database

What is the potential risk of attribute aliasing?

- a) Inaccurate data analysis
- b) Increased data security
- c) Faster query processing
- d) Improved data quality

Answer: a) Inaccurate data analysis

How can attribute aliasing be mitigated?

- a) By renaming all attributes in a database
- b) By documenting attribute aliases and ensuring consistency
- c) By removing all attribute aliases from a database
- d) By using a different database management system

Answer: b) By documenting attribute aliases and ensuring consistency

What is the impact of inconsistent attribute aliases?

- a) Faster query processing
- b) Improved data quality
- c) Confusion and errors when querying data
- d) More accurate data analysis

Answer: c) Confusion and errors when querying data

How can attribute aliases be managed effectively?

- a) By allowing users to create their own aliases
- b) By using different attribute names for different users
- c) By defining standard attribute names and enforcing them
- d) By allowing attribute aliases to be randomly generated

Answer: c) By defining standard attribute names and enforcing them

What is the role of data governance in attribute aliasing?

- a) To create more attribute aliases
- b) To remove all attribute aliases from a database
- c) To document attribute aliases and enforce consistency
- d) To randomly generate attribute aliases

Answer: c) To document attribute aliases and enforce consistency

What is the difference between an alias and a synonym?

- a) They are interchangeable terms

- b) An alias is a temporary name, while a synonym is a permanent name
- c) An alias is a name for a table, while a synonym is a name for a column
- d) An alias is a name for an attribute, while a synonym is a name for a table or view

Answer: d) An alias is a name for an attribute, while a synonym is a name for a table or view

Which of the following is an example of attribute aliasing?

- a) Using different attribute names in different databases
- b) Renaming a column in a table
- c) Combining data from multiple tables
- d) Creating a new database from scratch

Answer: b) Renaming a column in a table

How can attribute aliases affect data integration?

- a) By improving data integration
- b) By causing data integration to fail
- c) By speeding up data integration
- d) By reducing the need for data integration

Answer: b) By causing data integration to fail

What is the primary goal of managing attribute aliases?

- a) To increase data security
- b) To improve query performance
- c) To ensure consistency and accuracy in data analysis
- d) To reduce the amount of data stored in a database

Answer: c) To ensure consistency and accuracy in data analysis