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