

QUESTION 1

0.25 points

✓ Saved

Detecting sequential patterns is equivalent to detecting associations among events with certain temporal relationships.

- ☒ True
- ☐ False

QUESTION 2

0.25 points

✓ Saved

Discovering a positive association is easier than discovering a negative association.

- ☒ True
- ☐ False

QUESTION 3

0.25 points

✓ Saved

Data warehouse helps in extracting meaningful new patterns that cannot be found by querying or processing data in data mining.

- ☐ True
- ☒ False

QUESTION 4

0.25 points

✓ Saved

Inductive knowledge deduces new information based on applying *prespecified* logical rules of deduction to the given data.

☒ True

☐ False

QUESTION 5

1 points

✓ Saved

Match each concept with its example in the following.

B. ▼ Positive association rule

A. ▼ Negative association rule

C. ▼ Clustering

D. ▼ Regression

A. Readers who read romantic novels do not read horror novels.

B. If a visitor reads an article about drawing, he also reads an article on painting.

C. Grouping readers with similar reading patterns.

D. Predicting the probability of survival of a patient.

Question 6

0.25 out of 0.25 points

Data warehouses are not designed for routine transaction processing. **true**

QUESTION 7

0.25 points

✓ Saved

Data warehouses are nonvolatile and their information is not subject to modification and is often referred to as read-only.

- ☒ True
- ☐ False

QUESTION 8

0.25 points

✓ Saved

One type of data warehouse that is targeted to a subset of the organization and more tightly focused is known as:

- ☐ Virtual data warehouse
- ☐ Logical data warehouse
- ☒ Data mart
- ☐ Enterprise-wide data warehouse

QUESTION 9

0.25 points

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In comparison to source databases, data warehouses are generally

- ☒ Larger than source databases.
- ☐ Equal to source databases.
- ☐ Not related to source datsbases.
- ☐ smaller than source databases.

QUESTION 10

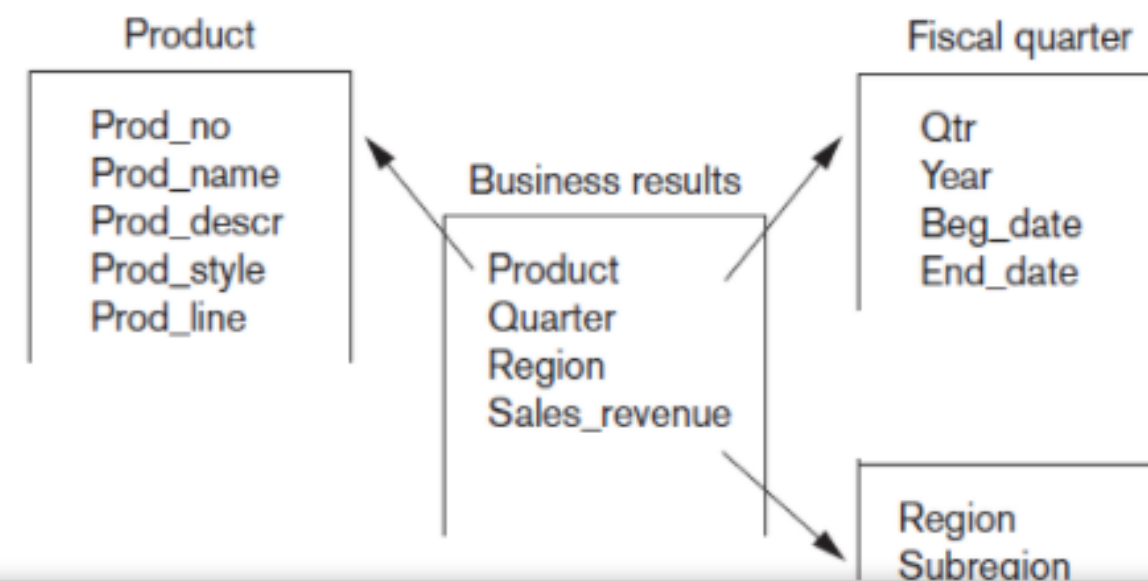
1 points

✓ Saved

Match each schema with its illustration.

- C. ▼ Data cube
- A. ▼ Star schema
- D. ▼ Snowflake schema
- B. ▼ Fact constellation

A.



QUESTION 11

1 points



Match each term with its description.

D. ▼ OLAP

B. ▼ OLTP

A. ▼ MOLAP

C. ▼ HOLAP

A. similar to OLAP but to be used with data cubes.

B. includes insertions, updates, and deletions.

C. combines both MOLAP and ROLAP.

D. describes the analysis of complex data from the data warehouse.