1.

Question 1

True or false: The dimensional data model contains a complicated table structure and relationships, which means that it is difficult to understand and use for data analytics.

1 / 1 point

True

False

Correct

Correct! The dimensional data model provides a method for making databases simpler and easier to understand and use for data analytics.

2.

Question 2

The \_\_\_\_\_\_\_\_\_\_ schema normalizes dimension tables by grouping dimension data into multiple simple tables.

1 / 1 point

snowflake

Correct

Correct! The snowflake schema breaks down individual dimension tables into logical sub-dimensions tables.

3.

Question 3

Which of the following schemas are used to design a dimensional data model in a data warehouse? Select all that apply.

1 / 1 point

A star schema.

Correct

Correct! A star schema is typically used to design a dimensional data model for data analytics in the data warehouse.

An object-oriented schema.

A hierarchical schema.

A snowflake schema.

Correct

Correct. A snowflake schema is used to design a dimensional data model for an optimized database to use in a data warehouse for data analytics.

4.

Question 4

Which of the following tasks involves identifying the level of granularity of the data to be stored in the dimensional data model?

1 / 1 point

Choosing the dimensions.

Choosing the process.

Choosing the facts.

Choosing the grain.

Correct

Correct! Choosing the grain means identifying the level of detail required in data analytics.

5.

Question 5

True or false: A fact table in a dimensional model focuses on qualitative data.

1 / 1 point

True

False

Correct

Correct! A fact table in a dimensional model focuses on quantitative data.