

Your grade: **83.33%**

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1. What do we call a normalized version of the star schema?

1 / 1 point

- ☐ Parent dimension
- ☐ Normalized schema
- ☐ Product schema
- ☒ Snowflake schema

✓ **Correct**

Correct, the normalized version of the star schema is called a snowflake schema, due to its multiple layers of branching which resembles a snowflake pattern.

2. Considering a general architectural model for an Enterprise Data Warehouse, which of these components is holding data and developing workflows?

1 / 1 point

- ☐ Data marts
- ☐ Enterprise data warehouse repository
- ☐ Data sources
- ☒ Staging and sandbox areas

✓ **Correct**

Correct, these components are holding data and developing workflows.

3. Materialized Views can be set up to have different refresh options, such as: (Select 1 answer).

0 / 1 point

- ☐ Never, upon request, and immediately
- ☐ Manually refresh
- ☐ Populated
- ☒ Automatically

✗ **Incorrect**

Review the Cubes, Rollups, and Materialized Views video.

4. Accumulating snapshot fact tables are used to \_\_\_\_\_.

1 / 1 point

- ☒ record events
- ☐ extract data
- ☐ load data
- ☐ process events

✓ **Correct**

Correct, "Accumulating snapshot" fact tables are used to record events that take place during a well-defined business process.

5. In what location is data from source systems extracted to?

1 / 1 point

- ☐ Operating system
- ☐ Business intelligence platform
- ☐ Target systems
- ☒ Staging area

✓ **Correct**

Correct, a staging area is a separate location where data from source systems is extracted to.

6. Materialized views can be used to \_\_\_\_\_.

1 / 1 point

- ☐ safely work with affecting source database
- ☐ synchronize updates
- ☐ automatically save query results
- ☒ replicate data

✓ **Correct**

Correct, they can be used to replicate data, for example to be used in a staging database.