

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

1 / 1 point

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

✓ Correct

Correct, these components are holding data and developing workflows.

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

1 / 1 point

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

✓ Correct

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

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

1 / 1 point

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

✓ Correct

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

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

1 / 1 point

- ☐ Product schema
- ☐ Parent dimension
- ☐ Normalized 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.

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

1 / 1 point

- ☐ Business intelligence platform
- ☐ Operating system
- ☐ 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 set up to have different refresh options, such as: (Select 1 answer).

1 / 1 point

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

✓ Correct

Materialized Views can be set up to have different refresh options, such as "never" (they are only populated when created, which is useful if the data seldom changes), "upon request" (manually refresh, for example, after changes to the data have been made, or scheduled refresh, for example, after daily data loads), and "immediately" (automatically refresh after every statement).