

1. Which of the following is a total cost of ownership consideration when choosing a data warehouse?

0 / 1 point

- ☐ Data migration
- ☒ Data privacy
- ☐ Ease of use
- ☐ Location

[Expand](#)

 **Incorrect**

Incorrect. Review the Selecting a Data Warehouse System video.

2. There are three basic types of data marts: dependent, independent, and hybrid. What does a dependent data mart do?

1 / 1 point

- ☐ Bypasses the data warehouse and is created directly from sources
- ☐ Requires custom ETL data pipelines
- ☐ May require additional security measures
- ☒ Draws data from the enterprise data warehouse

[Expand](#)

 **Correct**

Correct! Dependent data marts draw data from the enterprise data warehouse.

3. Which of the following statements is true regarding Snowflake?

1 / 1 point

- ☒ It offers data encryption for both data in transit and at rest.
- ☐ It is a multicloud data platform that unifies data lakes, data warehouses, analytics, and new data sources and types.
- ☐ It uses Amazon Web Services-specific hardware for accelerated data compression and encryption.
- ☐ It is a hybrid data warehouse provider.

 Expand

 **Correct**

Correct! Up-and-coming Snowflake offers a multicloud analytics solution that complies with GDPR and CCPA data privacy regulations. Snowflake advertises its always-on encryption of data in transit and at rest.

4. Who is a typical user of data lakes?

1 / 1 point

- ☒ Machine learning engineer
- ☐ Product manager
- ☐ Data analyst
- ☐ Business analyst

 Expand

 **Correct**

Correct! Data scientists, data developers, and machine learning engineers are the typical users of data lakes.

5. What is a "dimension" in the context of data warehousing?

1 / 1 point

- ☐ It is a quantity that can be measured.
- ☐ It is a foreign key associated with a fact table.
- ☐ It is a schema associated with a fact table.
- ☒ It provides context to a fact.

 Expand



Correct

Correct! Dimensions are attributes that can be assigned to facts. Dimensions provide context to facts, which makes facts useful.

6. What is the final consideration in designing star schemas?

1 / 1 point

- ☒ Identifying the facts
- ☐ Choosing the level of detail
- ☐ Identifying the dimensions
- ☐ Selecting a business process

 Expand



Correct

Correct, the final consideration in designing star schemas is to identify the facts.

7. What operations easily generate fact summaries that may be required by management?

1 / 1 point

- ☐ Staging tables
- ☐ Filters
- ☐ ELT
- ☒ CUBE and ROLLUP

 Expand

 **Correct**

Correct! CUBE and ROLLUP provide summary reports.

8. What are staging areas primarily used for?

1 / 1 point

- ☐ To manage online transaction processing systems
- ☐ To help conform tables in a data warehouse to the requirements of a business process
- ☐ To manage star schemas
- ☒ As intermediate storage areas that are used for extract, transform, and load (ETL) processing

 Expand

 **Correct**

Correct! Staging areas are primarily used as intermediate storage areas for ETL processing.

9. Which of the following URLs would you use to sign up for a trial of Cognos Analytics?

1 / 1 point

- ☐ IBM.COM/TRIAL_COGNOS
- ☐ IBM.BIZ/COGNOS_TRIAL
- ☒ IBM.BIZ/TRY_COGNOS
- ☐ IBM.COM/TRY_COGNOS

[Expand](#)



Correct

Correct! This is the correct URL to sign up for a trial of Cognos Analytics.

10. Which statement best describes descriptive analytics?

1 / 1 point

- ☐ Descriptive analytics describe the basic features of data in a study and provide simple summaries about the sample and its measures.
- ☐ Descriptive analytics provide insight into what could happen in the future.
- ☒ Descriptive analytics provide insight into the past.
- ☐ Descriptive analytics provide insight into actions an organization should take to create a specific outcome.

[Expand](#)



Correct

Correct! Analytical outcomes can be descriptive, prescriptive, or predictive. Descriptive analytics provide insight into the past.

11. What happens first when you use the Cognos Assistant to help create a dashboard?

1 / 1 point

- ☒ You can either ask a question directly or ask the Assistant to suggest some questions to ask.
- ☐ It automatically creates a dashboard
- ☐ It resizes and rearranges your visualizations on a dashboard.
- ☐ It suggests which visualizations to add to your dashboard

 Expand

 **Correct**

Correct! When you use the Cognos Assistant you can either ask it a direct question, or you can ask the Assistant to suggest some questions to ask it.

12. What are the two ways to create calculations in Cognos Analytics? (Select 2 correct answers)

1 / 1 point

- ☒ Select operators and functions from the left pane

 **Correct**

Correct! Selecting operators and functions from the left pane is one of the two ways to create calculations in Cognos Analytics.

- ☐ Ask the Cognos Assistant
- ☐ Search for calculations
- ☒ Start typing in the Expression box

 **Correct**

Correct! Start typing in the Expression box is one of the two ways to create calculations in Cognos Analytics.

 Expand

 **Correct**

Great, you got all the right answers.