

GCP CDA Module 2 - Quiz 2 Answers

1. What is the key difference between ETL and ELT processes?

ETL ingests the data after loading it into the warehouse, while ELT ingests the data before loading.

ETL transforms the data before loading it into the warehouse, while ELT transforms it after loading.

ETL transforms the data after loading it into the warehouse, while ELT transforms it before loading.

ETL examines the data rather than loading it into the warehouse, while ELT examines the data before loading.

Explanation: ETL transforms data before loading it into the warehouse, while ELT loads data first and then transforms it using the cloud warehouse's capabilities.

2. Which type of data storage is meant only for backup or archiving purposes?

Archive storage

Fixed storage

Permanent storage

Coldline storage

Explanation: Archive storage is designed for data that is rarely accessed and is intended for backup or archiving, making it the most cost-effective option.

3. A small startup company with unpredictable demands and limited budget is searching for a cloud service provider. The company needs a provider that allows them to adjust resources based on their changing needs and only charges for the resources the company uses. Which resource provisioning model should they choose?

Advanced provisioning

Fixed provisioning

Dynamic provisioning

Self-provisioning

Explanation: Dynamic provisioning allows resources to scale based on demand and charges only for what is used, making it ideal for startups with fluctuating needs.