

1. Which one of these steps is an intrinsic part of the “Data Storage and Integration Layer” of a data platform?

1 / 1 point

- ☐ Transfer data from data sources to the data platform in streaming, batch, or both modes
- ☐ Read data in batch or streaming modes from storage and apply transformations
- ☐ Deliver processed data to data consumers
- ☒ Transform and merge extracted data, either logically or physically

✓ Correct

The Storage and Integration layer in a data platform stores, transforms, and merges extracted data to make it available for data processing.

2. Systems that are used for capturing high-volume transactional data need to be designed for faster response times to complex queries.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

Systems that are used for capturing high-volume transactional data need to be designed for high-speed read, write, and update operations.

3. What is the role of “Intrusion Detection” and “Intrusion Prevention” in the area of network security?

1 / 1 point

- ☒ Inspect incoming network traffic for intrusion attempts and vulnerabilities
- ☐ Create silos, or virtual local area networks, within a network so that you can segregate your assets
- ☐ Ensure endpoint security by allowing only authorized devices to connect to the network
- ☐ Ensure attackers cannot tap into data while it is in transit

✓ Correct

Intrusion Detection and Intrusion Prevention systems inspect network vulnerabilities and intrusion attempts and prevent them from happening.