

[Hide menu](#)[Career Opportunities and Learning Paths](#)[Final Assignment](#)

✓ **Graded Assignment:** Final Quiz
Submitted

✓ **Peer-graded Assignment:** Peer Reviewed Assignment
30 min

✓ **Review Your Peers:** Peer Reviewed Assignment

[Course Wrap-Up](#)[Introduction to Data Engi...](#) > [Module 4](#) > [Peer Reviewed Assignment](#)[Previous](#) [Next](#)

Peer-graded Assignment: Peer Reviewed Assignment

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Hi! Kindly review my assignment.

Submitted on September 12, 2023

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PROMPT

There are two types of data repositories – Transactional and Analytical. Transactional systems, also known as Online Transaction Processing (or OLTP) systems, are designed for real-time execution of a large number of database transactions that are taking place simultaneously, typically online. **Give two examples of the kind of transactional data for which an OLTP system may be used.**

Two examples of transactional data for OLTP system are:

1. Retail Sale based transaction- These include details of entity such as quantity, customer information, price, number of products sold etc.
2. Bank Transaction- OLTP system is used in banking domains such as deposits, withdrawals, fund transfer and balance details.

RUBRIC

Transactional, or OLTP, systems are designed for handling high-frequency transactional data being generated in real-time. Examples of the type of transactions these systems would be used for, include:

- Online banking transactions
- Online financial transaction
- ATM transaction
- Airline booking
- Hotel booking
- Movie ticket purchases
- eCommerce purchase
- In-store purchases

Note: It is OK for your peer to answer this in their own words. Their responses could be outside of this list but should be valid examples of high-frequency transactional data being generated in real-time.

- ☐ 0 points
The learner has either not attempted the question or has not provided a single correct response.
- ☐ 1 point
The learner has provided one correct response.
- ☒ **2 points**
The learner has provided two correct responses.

DA

PROMPT

According to the course material, the architecture of a data platform consists of five layers, each layer responsible for a specific set of tasks. **List at least 2 layers in a data platform.**

Two layers in data platform are listed below:

- 1.Data Ingestion layer
- 2.Data Processing layer

RUBRIC

According to the course material, the architecture of a data platform consists of five layers, each layer responsible for a specific set of tasks. These five layers are

1. Data Ingestion or Data Collection Layer
2. Data Storage and Integration Layer
3. Data Processing Layer
4. Analysis and User Interface Layer
5. Data Pipeline Layer

3. Data ripening layer

Note: It is OK for the learners to answer this in their own words.

☐ 0 points

The learner has either not attempted the question or has not provided a single correct response.

☐ 1 point

The learner has provided one correct response.

☒ 2 points

The learner has provided two correct responses.

DA

PROMPT

List two factors that you would consider in order to make a decision about the type of data store that meets your organization's needs for a particular implementation.

According to me two factors for consideration will be :

1. Recognizing the nature of data whether it is structured or non-structured.
2. Storage of data over time.

RUBRIC

According to the course material, these are some of the factors you need to consider while selecting a data store that meets the needs of your organization:

1. **The type of data you need to store.**
2. **The volume of data you need to store.**
3. **Intended use of data.**
4. **Storage considerations.**
5. **Privacy, Security, and Governance considerations.**

Note: It is OK for the learners to answer this in their own words.

☐ 0 points

The learner has either not attempted the question or has not provided a single correct response.

☐ 1 point

The learner has provided one correct response.

☒ 2 points

The learner has provided two correct responses.

DA

Start new attempt

Comments

Comments left for the learner are visible only to that learner and the person who left the comment.

SS

Share your thoughts...

SS

Stephano siame

3 months ago

better

Translate to English

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