Congratulations! You passed!

Grade received 100% **To pass** 80% or higher

Go to next item

1. **As data evolves during its life cycle**, which of the following factors should ML pipelines address to operate properly?(check all that apply). **1 / 1 point**

- [x] Account for scalable solutions.

  Correct
  Spot on. Production traffic will vary from day to day and thus your pipeline must scale accordingly.

- [x] Account for anomaly detection.

  Correct
  Way to go! For example data errors must be handled in the same way as code bugs.

- [ ] Use feature engineering.
- [ ] Monitor model and data provenance.
- [x] Provide resilient mechanisms for disruptions.

  Correct
  Keep it up!. For example ML pipelines should incorporate resilient mechanisms to deal with inconsistent data.

2. Many modeling problems use identical or similar features, and there is substantial value in enabling teams to share features between their own projects and for teams in different organizations to share features with each other. Which of the following storage solutions is deliberately designed to address these user cases?

1 / 1 point

- [ ] Data warehouse
- [ ] Data lake
- [ ] Relational database
- [x] Feature Store

Correct

Correct! Feast is an example of an open source feature store.

3. Which are the main advantages of using a cloud-based data warehouse ?(check all that apply)

1 / 1 point

- [x] Provides easy on-demand scalable solution

Correct
Nice going! Cloud solutions are really flexible for scaling up.

- [ ] User owns and controls data governance.
- [ ] User needs to handle all maintenance
- [x] They are cost efficient

Correct
Perfect! Otherwise all the software and hardware costs will be handled by your organization.

4. About data lakes it's only true that:

1 / 1 point

- (●) Can handle both structured and unstructured data.
- ( ) Handles only processed data
- ( ) Aggregates data from a single source only.
- ( ) Handles only structured data.

Correct

That's right! Data lakes are really flexible in the type of data they can handle.