

Exam information

The exam is a written exam of 120 minutes with no documentation or other aids available.

Example questions

Question 1

Explain the concept of model drift and the difference between concept drift and data drift. Provide examples or methods to detect both types of drift.

Question 2

Due to high prices of GPUs with a lot of VRAM in the cloud, you are tasked to reduce the memory usage of a machine learning model the company wants to put into production. Which of the following methods allow you to reduce the memory usage of the machine learning model?

- Quantisation
- Data augmentation
- Pruning
- Distillation
- Early stopping during training
- Increased batch size

Question 3

Which statements are true about data versioning?

- The versioning of data linked to an ML experiment is generally done by storing the data on git
- De-duplication avoids the storage of duplicated data using hashing and chunking
- Data versioning allows teams to track changes in datasets and reproduce experiments accurately.
- Data versioning systems automatically clean and preprocess raw data for ML experiments.