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QUESTION 1

Which of the following describes concept drift?

- A. Concept drift is when there is a change in the distribution of an input variable
- B. Concept drift is when there is a change in the distribution of a target variable
- C. Concept drift is when there is a change in the relationship between input variables and target variables
- D. Concept drift is when there is a change in the distribution of the predicted target given by the model
- E. None of these describe Concept drift

Correct Answer: C

QUESTION 2

Which of the following MLflow Model Registry use cases requires the use of an HTTP Webhook?

- A. Starting a testing job when a new model is registered
- B. Updating data in a source table for a Databricks SQL dashboard when a model version transitions to the Production stage
- C. Sending an email alert when an automated testing Job fails
- D. None of these use cases require the use of an HTTP Webhook
- E. Sending a message to a Slack channel when a model version transitions stages

Correct Answer: E

QUESTION 3

Which of the following describes the concept of MLflow Model flavors?

- A. A convention that deployment tools can use to wrap preprocessing logic into a Model
- B. A convention that MLflow Model Registry can use to version models
- C. A convention that MLflow Experiments can use to organize their Runs by project
- D. A convention that deployment tools can use to understand the model
- E. A convention that MLflow Model Registry can use to organize its Models by project

Correct Answer: D



QUESTION 4

Which of the following is an advantage of using the `python_function(pyfunc)` model flavor over the built-in library-specific model flavors?

- A. `python_function` provides no benefits over the built-in library-specific model flavors
- B. `python_function` can be used to deploy models in a parallelizable fashion
- C. `python_function` can be used to deploy models without worrying about which library was used to create the model
- D. `python_function` can be used to store models in an MLmodel file
- E. `python_function` can be used to deploy models without worrying about whether they are deployed in batch, streaming, or real-time environments

Correct Answer: C

QUESTION 5

A machine learning engineer has developed a model and registered it using the `FeatureStoreClient fs`. The model has model URI `model_uri`. The engineer now needs to perform batch inference on customer-level Spark DataFrame `spark_df`,

but it is missing a few of the static features that were used when training the model. The `customer_id` column is the primary key of `spark_df` and the training set used when training and logging the model.

Which of the following code blocks can be used to compute predictions for `spark_df` when the missing feature values can be found in the Feature Store by searching for features by `customer_id`?

- A. `df = fs.get_missing_features(spark_df, model_uri) fs.score_model(model_uri, df)`
- B. `fs.score_model(model_uri, spark_df)`
- C. `df = fs.get_missing_features(spark_df, model_uri) fs.score_batch(model_uri, df)`
- D. `df = fs.get_missing_features(spark_df) fs.score_batch(model_uri, df)`
- E. `fs.score_batch(model_uri, spark_df)`

Correct Answer: E

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