INSTRUCTIONS:

1. This quiz is for 10min and 10pts (5 x 2pts). It is open book/notes/electronics.

2. Mark/write your answers using a dark pen or pencil. Ensure your writing is clear and legible.

Q1. Which component of TFX is primarily responsible for detecting divergence in accuracy across specified sub-groups in the dataset’s population?
(A) ML Metadata  (B) TF Model Analysis  (C) TF Transform  (D) TF Serving

Q2. Which of the following is a key source of technical debt in end-to-end ML workflows?
(A) ML datasets  (B) Configuration files  (C) Concept evolution  (D) All of A, B, C

Q3. Which component of MLFlow enables search over model artifacts and metadata?
(A) Tracking  (B) Projects  (C) Models  (D) Model Registry

Q4. What kind of data system is typically used for online serving by a feature store?
(A) Key-value store  (B) RDBMS  (C) Graph DBMS  (D) Dataflow system

Q5. Why does the technical debt of glue code often arise in end-to-end ML workflows?
(A) ML needs separate train, validation, and test datasets
(B) Post-prediction thresholds require configuration
(C) Separate tools are used for different parts of the workflow
(D) Feedback loops can arise accidentally
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