1. Machine learning pipelines for production have become prominent in several industries. They introduce complexity to the ML lifecycle due to the large amount of data, tools, and workflows involved. If data and models are not tracked properly during the life cycle, it becomes infeasible to recreate an ML model from scratch or to explain to stakeholders how it was created. What can be done to prevent these shortcomings?

1 / 1점

- ⦿ Establish data and model provenance tracking mechanisms.

- ◯ Use a TFX publisher.

- ◯ Debug the model so it becomes reliable.

- ◯ Use a relational database.

✓ **맞습니다**

That's right! Provenance will track the chain of artifacts and transformations at play in a given pipeline.

2. ML Metadata (MLMD) is a library for recording and retrieving metadata associated with ML production pipelines among other applications. What is the definition of attribution in this library?

1 / 1점

- ⦿ Is a record of the relationship between artifacts and contexts.

- ◯ Is a record of a component run or a step in an ML workflow and the runtime parameters

- ◯ Is a record of the relationship between executions and contexts.

- ◯ Is a record of the relationship between artifacts and executions.

✓ **맞습니다**