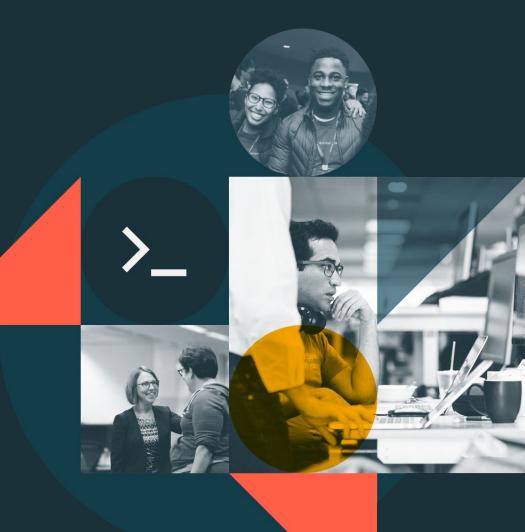


Managing the model lifecycle with Databricks ML

MLflow and the model lifecycle



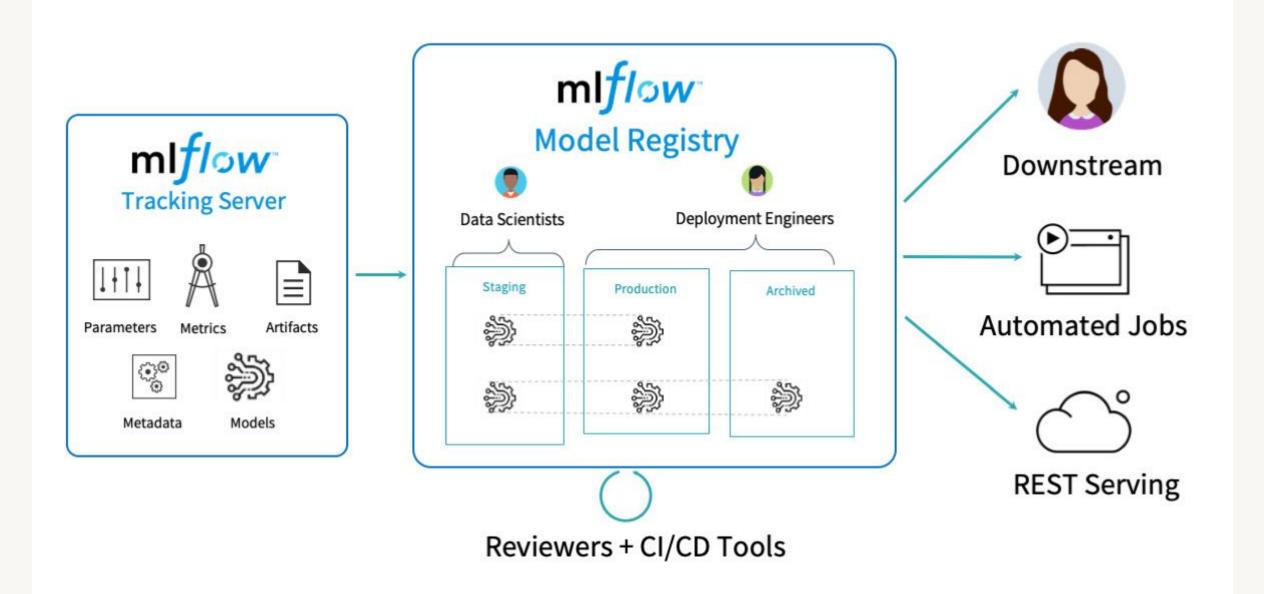
- Describe the purpose of MLflow.
- Describe how MLflow supports Machine Learning initiatives.

What is MLflow?





An open-source platform for managing the end-to-end machine learning lifecycle.



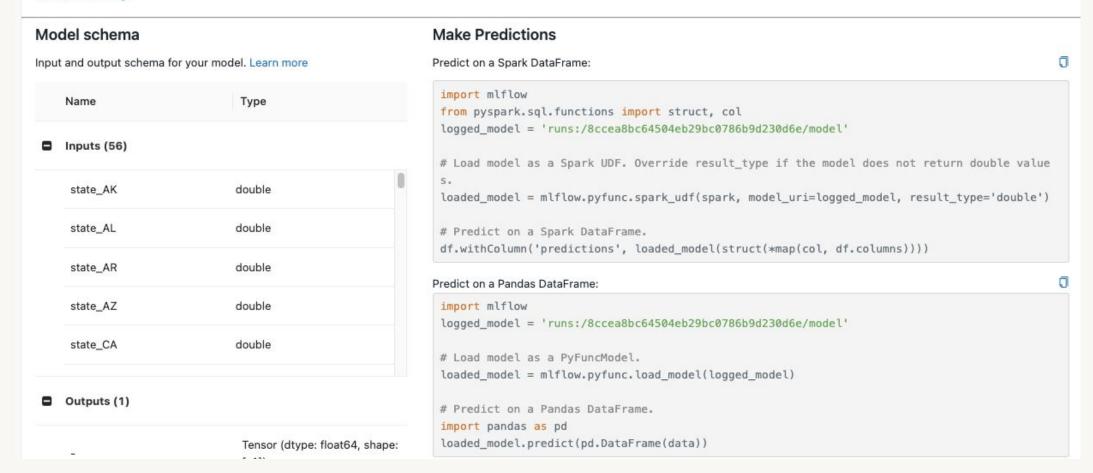
MLflow Tracking and Autologging



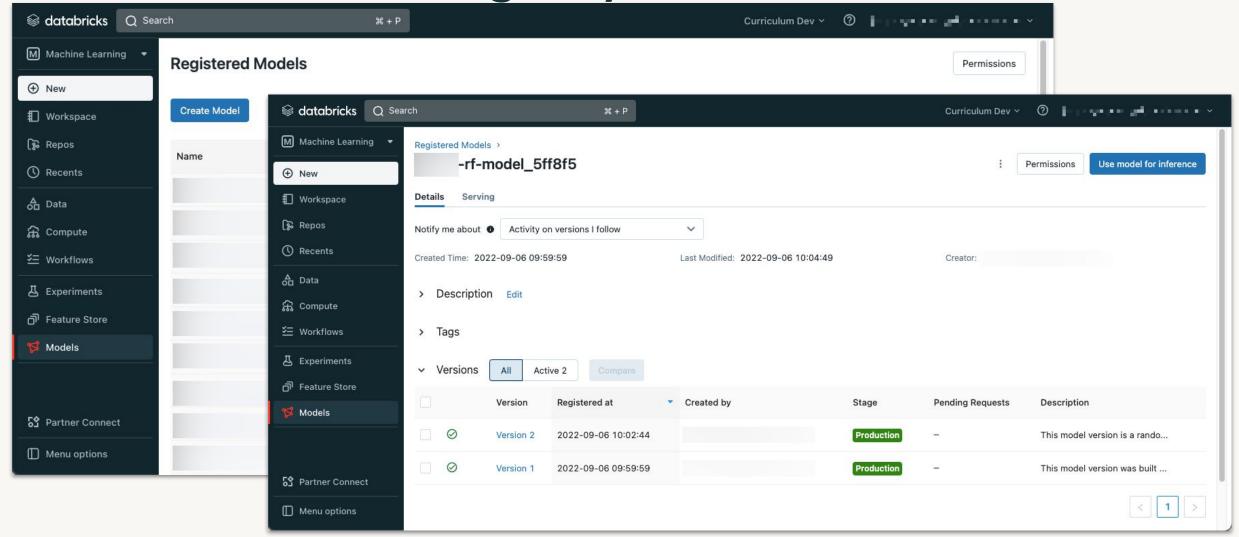
MLflow Models

MLflow Model

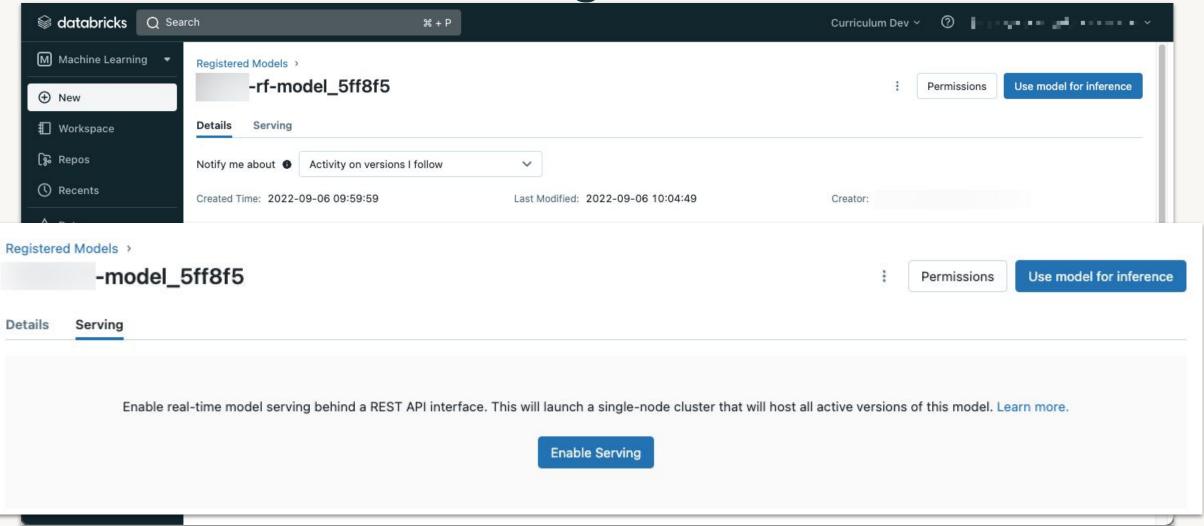
The code snippets below demonstrate how to make predictions using the logged model. You can also register it to the model registry to version control and deploy as a REST endpoint for real time serving.



MLflow Model Registry



MLflow Model Serving





Managing the model lifecycle with Databricks ML.

Use Model Registry to manage the model lifecycle



• Use Model Registry to manage the model lifecycle.



Managing the model lifecycle with Databricks ML

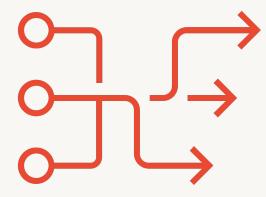
Deploy a model for batch inference



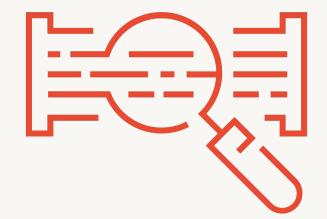
• Use a registered model and feature table to perform batch inference.

Deploying Models to Production

Batch



Streaming



Real-time serving





Managing the model lifecycle with Databricks ML

Automatic Model Retraining



Schedule a model refresh using Databricks Workflows and AutoML.