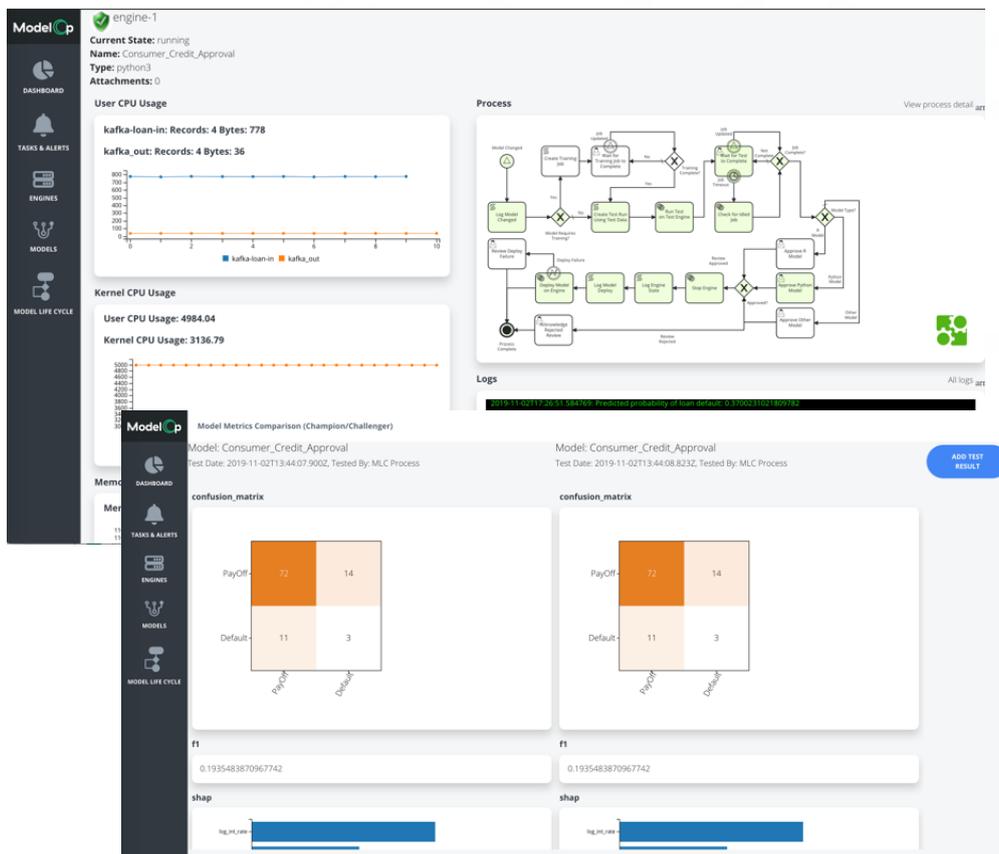


ModelOp Center - Monitoring capability

With ModelOp Center monitoring capability, continuously monitor and improve your models' performance to maximize the value to the business.

THE BUSINESS CHALLENGE

The typical enterprise's complex model ecosystem includes models built using different languages, frameworks, platforms, and environments. That fragmentation makes it challenging to monitor models consistently and ensure their optimal performance. The problem is particularly acute with machine learning models, which can degrade in performance by 10% or more every year. If you don't know how your models are performing, you can bet they're becoming ineffective over time, costing the enterprise money every day.



THE MODEL OP SOLUTION

Ensure consistent execution, monitoring, and improvement of all enterprise models with the monitoring capability included in ModelOp Center. Comprehensive, real-time monitoring provides a holistic view into the health and performance of your entire model ecosystem. Automatic retraining, refreshing, and redeployment improve models continuously over time. Champion/challenger and A/B testing ensure only the best models are deployed into production. Now you can rest assured that your models are performing as expected and that the enterprise's investment in AI is fully realized.

KEY BENEFITS

- Enables consistent model execution on-premises, in the cloud, or in partner environments
- Provides consistent, comprehensive monitoring of all models, regardless of underlying language, framework, or execution type
- Automates common monitoring processes
- Provides real-time notifications and alerts to proactively address model issues
- Automates model refreshing to ensure models are performing optimally
- Leverages microservices architecture

KEY FEATURES

- Language- & framework-agnostic model execution runtime supports batch, REST, and streaming execution
- Statistical, technical, and KPI monitoring
- Champion/challenger comparisons
- Real-time notifications and alerts when metrics deviate from defined business thresholds
- Integration with standard IT monitoring/support systems
- Configurable templates to automate common monitoring processes
- Automated model refresh orchestration based on business thresholds

MONITORING: INCLUDED IN MODEL OP CENTER

As the industry’s only comprehensive ModelOps solution, ModelOp Center enables the AI enterprise to consistently deploy, monitor, and govern every model in the enterprise through a single pane of glass. The ModelOp Command Center is the intuitive interface that integrates and visualizes ModelOp Center’s deployment, monitoring, and governance capabilities for full control over all models. Real-time alerts and integration with existing IT support systems allow for fast resolution of any issues.

THE THREE KEY CAPABILITIES TO PUT MODELS INTO BUSINESS EFFICIENTLY AND EFFECTIVELY:



MODEL DEPLOYMENT

A consistent and scalable approach to model deployment across the enterprise significantly accelerates time to value, shortening model deployment & refresh timeframes from weeks to months while leveraging existing IT investments.



MODEL MONITORING

Comprehensive, real-time monitoring provides a holistic view into the health and performance of your entire model ecosystem. Automatic retraining, refreshing, and redeployment continuously improve models and ensure only the best are deployed into production.



MODEL GOVERNANCE

Governance captures and persists a comprehensive audit trail for every model, ensuring full traceability, enabling immediate and complete responses to audit requests, and enhancing your ability to define and manage business risk tied to models.

ModelOp helps enterprises unlock the transformational value of AI and Machine Learning investments by creating fully operationalized and transparent, traceable, explainable, and compliant model life cycles for every model in business. ModelOp was founded in 2016 by industry veterans with deep expertise in data science and large-scale enterprise IT operations. Backed by leading industry luminaries and visionary venture capital, ModelOp has offices in Chicago, IL; Salt Lake City, UT; and San Jose, CA.



It’s real. It’s achievable.
Reach out to us to learn more: modelop.com/contact