ModelOp Risk Industrialization (PAT)

*Multiply your model validation workforce
by 30% or more with automation*

ModelOp Risk Industrialization is a software platform for Risk teams that standardizes and automates model risk management processes and reporting, accelerating time to production, reducing OpEx costs and providing new insights into model risk and performance.

The Business Challenge

The growth in AI adoption is accompanied with a parallel growth in regulations targeted at minimizing the risk inherent in AI. Regulations like the recently updated SR 11-7 and the newly proposed EU AI Act provide regulatory guidance require financial institutions and banks in particular, to have rigorous processes in place to control model risk. Many financial institutions have risk management processes and teams; however the processes are typically manual and require highly trained model validators, which are in short supply. Because of this, Model Risk teams are unable to keep pace with the growing number of models scheduled for production and stay prepared to pass audits.
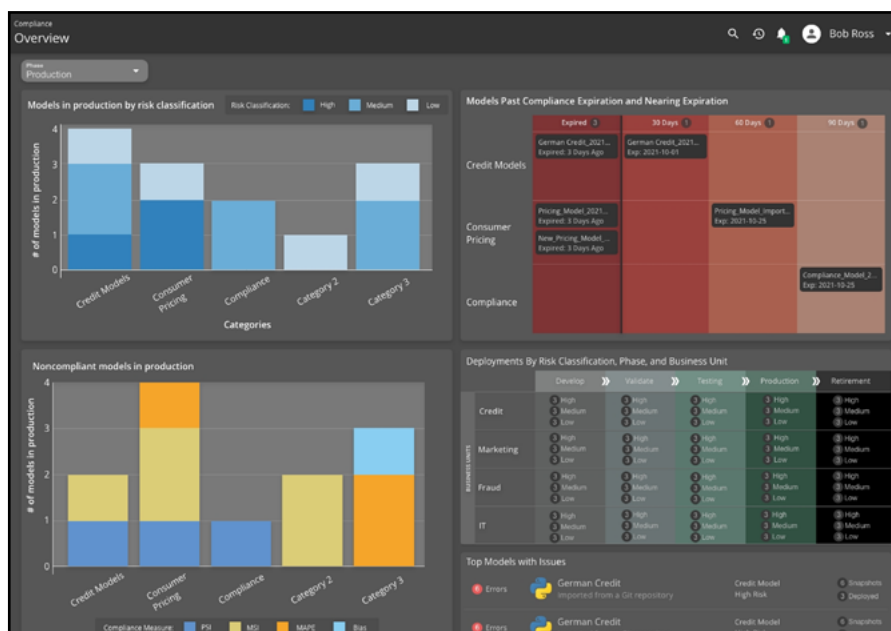
The Solution

ModelOp Risk Industrialization automates and standardizes model risk management processes across all models and teams across the enterprise. Out of the box performance and stability testing, along with the ability to add custom tests ensures the consistency needed to both improve and enhance validation testing. Automated documentation services eliminate manual efforts, providing uniformity and accuracy in documentation and reporting, along with reducing the work of the model validators. Executive Model Risk dashboards keep you informed of the compliance, risk and operational state of every model in production across the enterprise. Integration with business, IT and risk systems provide fast time to business and value so you can stay ahead of the competition.

ModelOp Risk Industrialization's Business, Operational, and Risk Visibility for All AI Models

Key Features

- Automated, standardized model validation processes
- Out of the box and custom model testing monitors
- Integration with IT, business and risk systems (Archer)
- Continuous risk controls enforcement
- Customizable, automated documentation services

Benefits

- Accelerate time to productionize models by 50%
- Increase model validator productivity by 30%
- Reduce business risk with ongoing new insights into model risk and performance
- Executive model risk and compliance dashboards keep you informed
- Reduce operational expense by up to 30%

Product Details

Model Risk needs to be a disciplined and durable process. Model Risk Industralization provides the automation, standardization and insights needed for scaling model validation.

Evergreen Production Model Inventory

A centralized repository that ensures all required validation, approvals, and rules are adhered to minimize model risk. Traceability, including version controls of models and related artifacts, ensure auditability at any time. Regardless of type of model (including 3rd party vendor models), or where they are run (edge, cloud, on premises), the evergreen model inventory is the persistent system of record for every model in production. The evergreen model inventory is the foundation for complete traceability, auditability and reproducibility required for enforcing risk controls and passing audits.
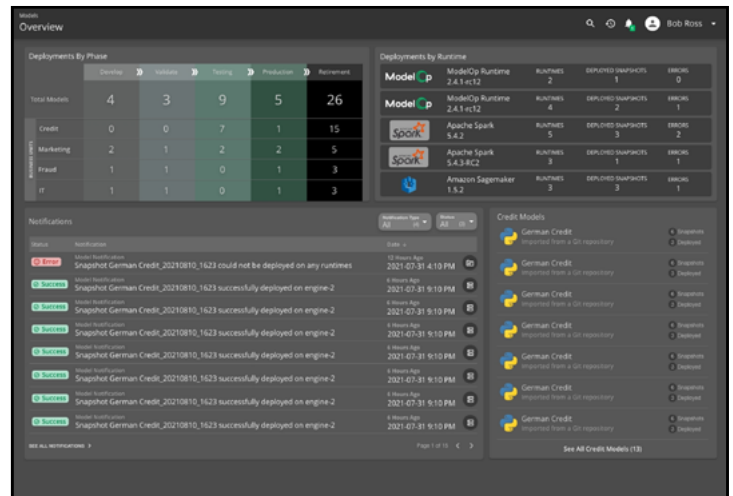
End-to-end Process Automation

Enterprise-scale process automation provides standardization in model risk management processes across all teams and model types. Automated documentation services ensure design documentation, breach notifications and other standard reports are automatically generated using standardized templates and system-collected model data and metadata. Automated testing and packaging of models using out-of-the box and custom tests expedites and standardizes the process for model validation and analysis. Native integrations with IT systems, Risk systems, and business applications accelerate time to validation and integrity in data across systems.
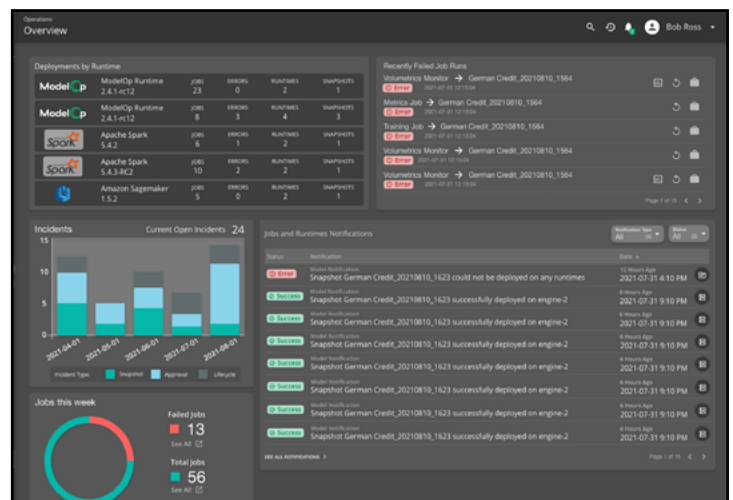
Automated, Reflexive Monitoring

Continuous model monitoring against thresholds established by the 2nd line team immediately identifies performance and risk breaches. Automated alerts and breach reports, along with orchestrated remediation ensure that problems are quickly resolved, documented, and auditable. Out of the box performance and stability monitors can be used for validation tests such as sensitivity analysis, stress testing, ethical fairness and benchmark testing. With the ability to add custom monitors you can automate testing unique to your models.

Model Risk Industrialization provides standardized, automated processes for model risk management, visibility and auditability for all enterprise models, regardless of type or where they are run, so you can scale model validation and reporting -- cost effectively.

ModelOp Risk Industrialization's Production Model Inventory Manages All Current and Future Model Technologies

ModelOp Risk Industrialization's Automated Processes