

earnix

Brochure

Model Accelerator

Where Advanced Models Drive Confident Decisions

Turn Your Models and Data Into Governed, Production-Ready Decisions.

The Challenge

Insurers and banks are investing heavily in advanced analytics and machine learning, but as models grow more sophisticated, so does the complexity behind them. Built across disconnected platforms and external frameworks, models become harder to manage, explain, share, and deploy.

The result: Delayed deployment, increased compliance risk, lost productivity, slow response to market changes, and a fragmented ecosystem where decisions stall.

The Solution

Model Accelerator, natively integrated with Earnix Price-It, is a centralized, open workspace for advanced analytics and machine learning. Build, import, validate, govern, and track any model in one continuous flow - without rebuilding or losing control.

The result: Complex models become explainable, measurable, and production ready. Faster deployment, stronger governance, confident decisions.

Import
Bring in any external model

→

Build
Build Advanced Models and AGLMs

→

Validate
Ensure accuracy, compliance, and performance

→

Deploy
Move to production without rebuilding

→

Track
Monitor performance and governance

Key Benefits

Seamless deployment from validation to production	Move from validation to production in a single governed flow, without rebuilding or handoffs.
Bring your own models	Import any external model and operationalize with built-in validation, compatibility checks, and explainability.
Full traceability	Complete ownership, version history, and audit readiness across every model.
Governed with Confidence	Role-based access, user permissions, and rollback capability are built into every stage of the workflow.

Use Cases

Accelerate GLM Modeling

Automate GLM development with built-in business and regulatory constraints to reduce manual effort.

Explainability and Regulatory Confidence

Visualize feature impact and prediction drivers at both portfolio and individual level-making complex models understandable to regulators, actuaries, and executive stakeholders.

Import and Deploy External Models

Bring in external models and deploy them directly into production without rebuilding.

Govern, Track and Audit

Maintain ownership, user permissions, version history, and traceability across all models and projects.

Key Features



Automated Model Building

AGLM automates the heavy lifting-variable selection, feature engineering, and model refinement-so teams build more accurate GLM models faster, with built-in business and regulatory constraints.



End-to-End Lifecycle Management

Build, import, validate, deploy, and track every model in one continuous, governed workflow.



Open Analytics and Model Integration

Seamlessly import external models (including ONNX, H2O, and other supported frameworks) and validate for compatibility, explainability, and performance before deployment.



Centralized Model Management and Governance

A unified, auditable system of record with version control, ownership tracking, rollback capability, and role-based permissions-giving every team the right level of access.

Model Reporting, Validation and AI Insights

Model Comparison Reporting

Compare models side-by-side across accuracy, performance, and operational KPIs to evaluate tradeoffs and select the strongest model before deployment.

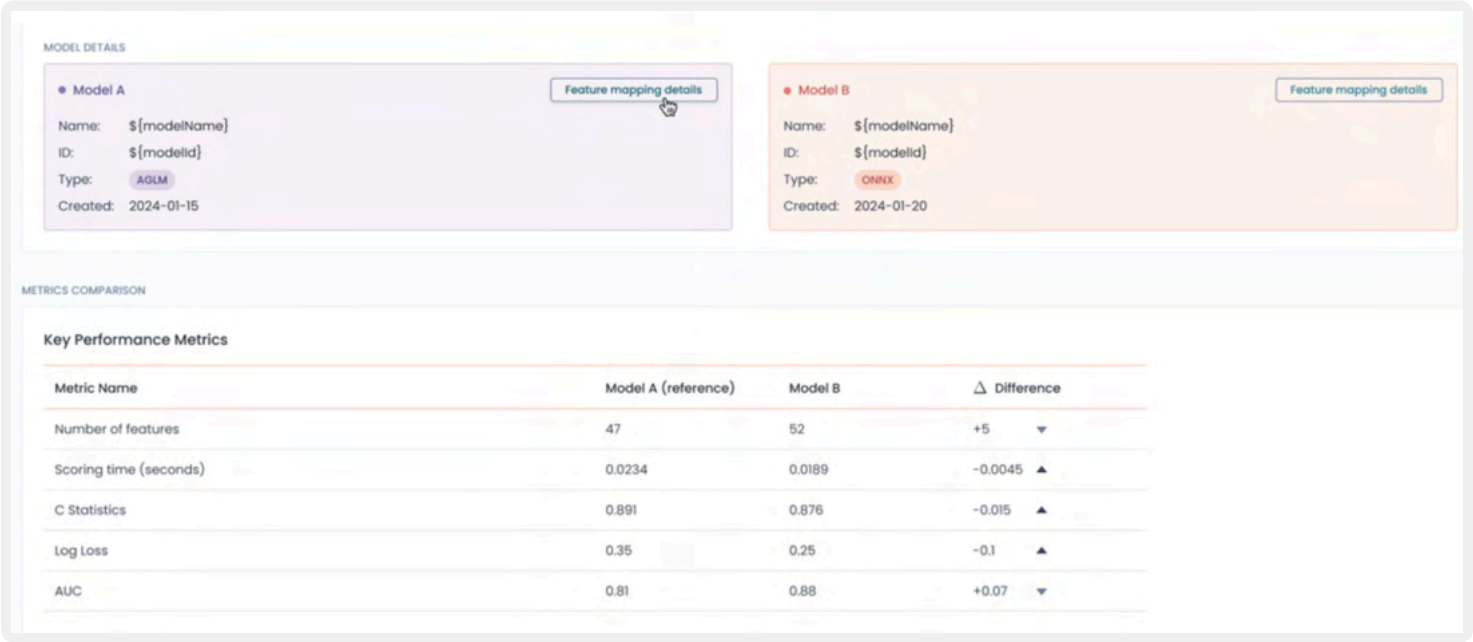


Figure 1: Model Comparison: Model A (AGLM) vs Model B (ONNX) side-by-side model performance metrics-compare accuracy, scoring time, and key indicators to support confident selection prior to deployment.

Validation and Performance Analysis

Validate accuracy, scoring behavior, and performance using dedicated reports and visual diagnostics-ensuring models meet production and governance standards before release.

AI-Powered Insight

Surface key patterns, performance shifts, and risk indicators with AI-generated summaries that reduce manual analysis and support faster, more confident decisions.

Model Explainability Reporting

Visualize feature impact and prediction drivers across portfolios and individual customers to improve transparency and support regulatory review, including externally imported models.

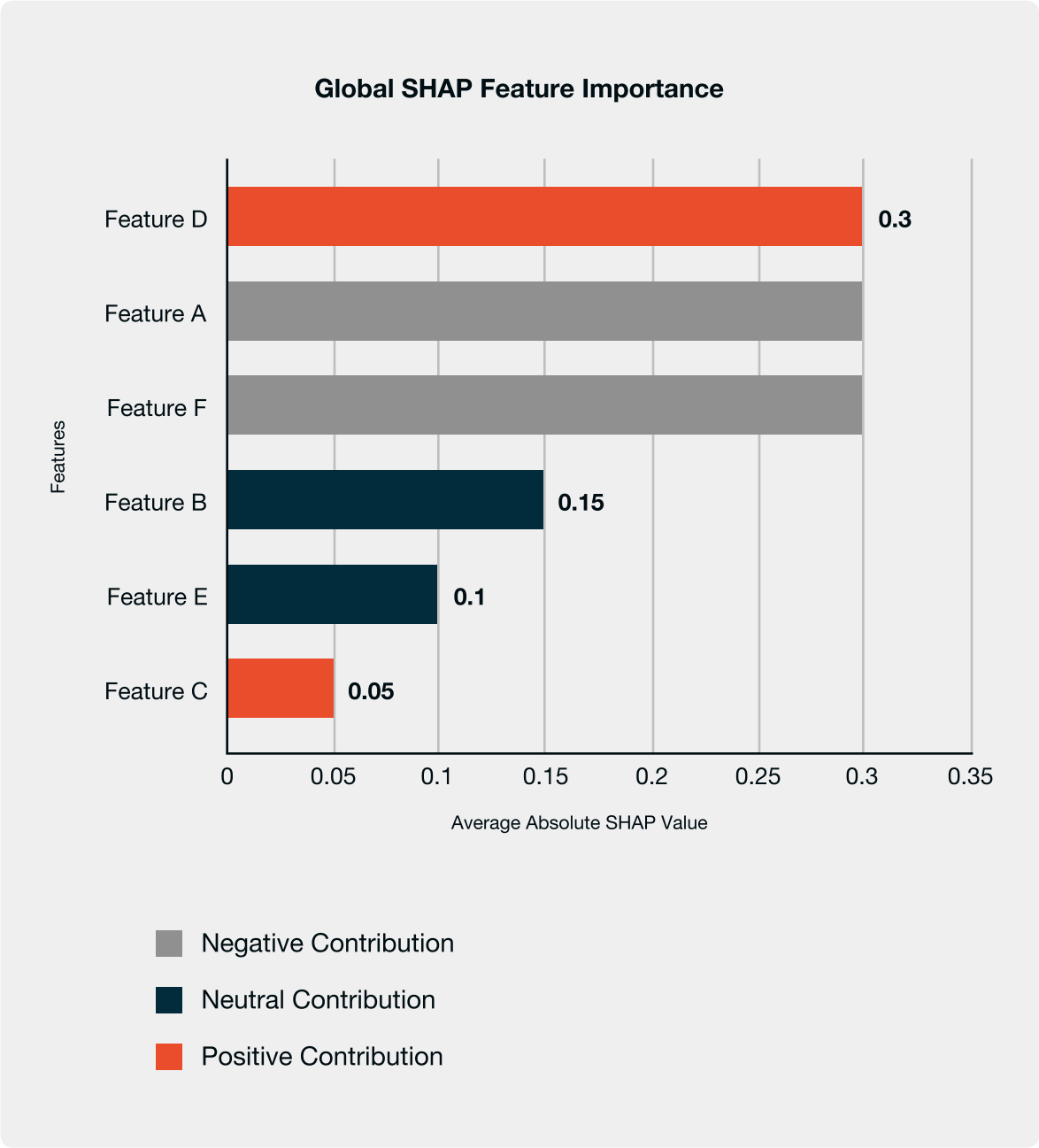


Figure 2: Model Explainability for Open Analytics: Explainability and performance analysis designed to handle black box models (e.g., ONNX, H2O), surfacing feature impact, accuracy, and scoring behavior before deployment, so teams can compare external models alongside native approaches and deploy with confidence.

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Operationalize your models. Accelerate your decisions.

Model Accelerator turns advanced models into measurable business impact - combining governed deployment, model reporting and validation, AI-driven insights, and continuous performance monitoring in one unified platform.

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