

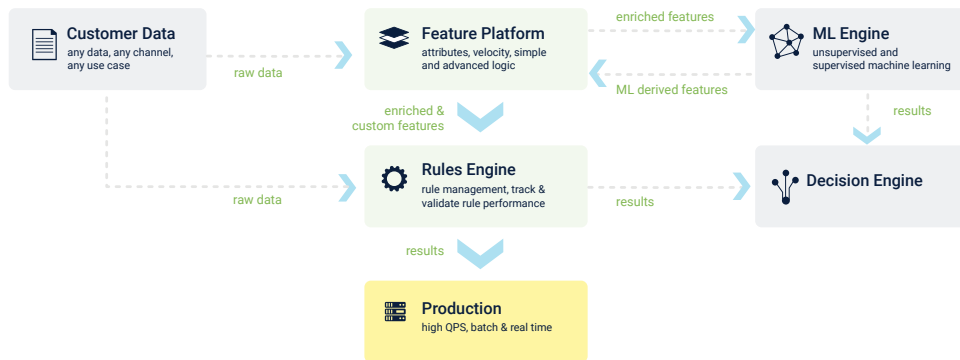
Rules Engine from DataVisor

About Rules Engine

DataVisor Rules Engine provides powerful core capabilities—advanced rule management and rule performance optimization—and leverages Feature Platform to engineer complex features for advanced rule creation. Teams can manage complex rules at scale with maximum flexibility and streamlined workflow, and make ensembled decisions together with machine learning engines.

DataVisor Rules Engine helps organizations create and manage rule sets to systematically organize rules, track and validate rule performance with advanced capabilities such as backtesting and forward testing. Teams can combine rules engine results with machine learning engine results in a centralized decision-making process that promotes enhanced performance.

Teams can leverage comprehensive features for advanced rule creation. They can directly use sophisticated out-of-box enriched features and machine-learning-derived features powered by the DataVisor Feature Platform, and additionally engineer custom features effortlessly within the UI to create complicated rules.

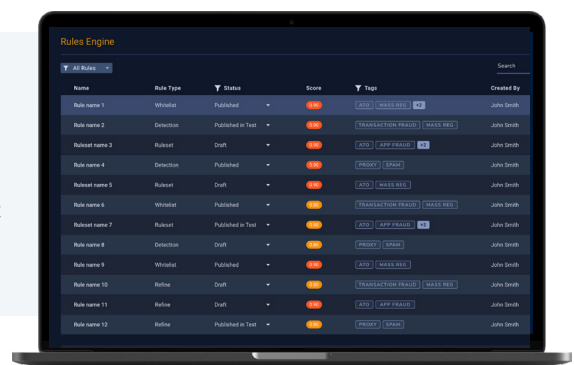


CAPABILITIES

Manage complex rules and rule sets on a large scale

Advanced Rule Management

Efficiently manage complex rules at a large scale with maximum flexibility. Create rule sets to organize different rules, and take bulk actions on those rules. Users can append messages as metadata to the rules, apply logic combinations within rules, and create rules overviews. The Rule Trigger Counter function allows different actions to be triggered by different policy violations, offering organizations with more flexible implementations of rules as triggered for varying scenarios.



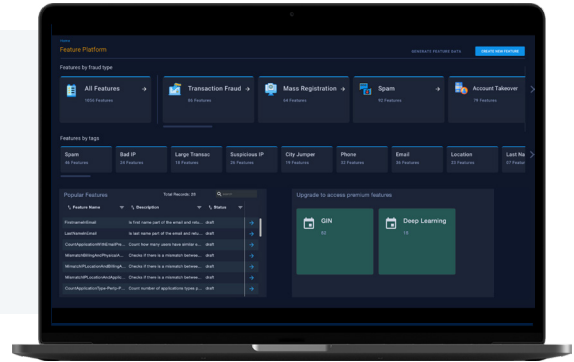
Rule Performance Tracking and Validation

Track rule performance and detected accounts over time with visualized insights in the UI. Run backtesting on historical data to validate detection performance, with full flexibility to choose the data's time stamp and sample set. Benefit from forward testing that enables users to publish rules in a test mode—rules can run in shadow mode in production for a period of time, and generate stats on an on-going basis. Users can turn off test mode to turn on the rule to make it production ready.

Leverage enriched and custom features to create advanced rules

Enriched and Custom Features to Create Advanced Rules

Benefit from an extensive library of the most sophisticated and advanced out-of-box fraud features—all powered by DataVisor’s extensive domain expertise—including enriched features from IP address, email, user name, time stamp, device, transaction, and more. Users can additionally engineer complex custom advanced features such as attribute, velocity, and logical operation features. All user-driven features can be engineered in the UI with just a few clicks, and can be seamlessly used to create advanced rules.



Extensible with Machine Learning

Teams can use output signals derived from machine learning models as features to enhance rules, and combine these with other enriched features culled from the DataVisor Feature Platform to enable high-performance ensembled decision-making. Teams can additionally then use rules-based detection results to bootstrap further machine learning model training.

KEY BUSINESS BENEFITS



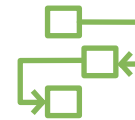
Enterprise Scalability

Create and manage complex rules and rule sets at scale in a systematic and efficient manner.



Rules Optimization

Test, track and validate rule performance with advanced capability, high flexibility and easy implementation.



Streamlined Workflow

Seamlessly integrate with DataVisor’s Feature Platform and Machine Learning Engines—from enriched features to centralized decisions.

INTEGRATION



ABOUT DATAVISOR

DataVisor is the leading fraud detection company powered by transformational AI technology. Using proprietary unsupervised machine learning algorithms, DataVisor restores trust in digital commerce by enabling organizations to proactively detect and act on fast-evolving fraud patterns, and prevent future attacks before they happen. Combining advanced analytics and an intelligence network of more than 4B global user accounts, DataVisor protects against financial and reputational damage across a variety of industries, including financial services, marketplaces, e-commerce, and social platforms.