

# INRULE® METRICS

Increase Transparency, Accuracy, and Improve Your Automated Decisioning

## BENEFITS

- Address regulatory requirements
- Reduce risk of errors
- Improve decision outcomes
- Improve data quality and governance
- Operationalize data science initiatives

## USE CASES

- Eligibility determination
- Case assignment optimization
- Regulatory adherence and compliance
- Automation efficiency analysis
- Clinical trials
- Loan origination and approval
- Healthcare claims

## Overview

With InRule® Metrics, enterprises can track field values, execution frequency, evaluated criteria, and results to improve logic, and achieve better business outcomes. Teams can take action with confidence to achieve KPIs, and maximize business results.

An ideal analytical companion, InRule Metrics allows you to inspect fields and rules, while the adapter-based model lets you write to various storage targets.

Conduct high-volume champion/challenger testing on real-world data and display information via the BI dashboard of your choice. Measure your KPIs, analyzing the results of your decisions, so you can take optimized, data-driven action.

Demonstrate how your business rules are being applied—without sifting through code. And adjust your rules as needed, based on a continuous feedback loop.

Regardless of where the data comes from for making a decision, InRule Metrics captures the relevant information all in one place

## How InRule Metrics Works

In irAuthor®, flag fields to track, or tag certain rule types to capture execution frequency. Then during execution, the engine will collect the field or rule name and its value. The engine outputs the selected metrics into a logger—values are output and organized according to the data structure established in the rule application—collecting the data so your team can measure the results.

## AN ADAPTER-BASED APPROACH

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*“Out of hundreds of ideas submitted, InRule Metrics was selected for an in-house hackathon event. Across business units, users could see very clear application of the product to drive better business outcomes.”*

—LEADING MORTGAGE LENDER

**SEE-THROUGH LOGIC: EASILY UNDERSTAND HOW OFTEN, AND WHY A RULE IS RUN**

With InRule Metrics you have clarity into the conditions under which rules are executed, as well as transparency on which rules ran during production. This is ideal for any group needing to demonstrate how business rules are applied, especially those facing evolving regulations.



**IMPROVE REGULATORY COMPLIANCE**

On average, the cost of non-compliance is **2.71x** the cost of maintaining or meeting regulatory requirements, due to fines, settlements, business disruption and productivity and revenue loss.

InRule Metrics helps ensure your automated decisions remain compliant and don't introduce new, unintended consequences.

It gives you the data to demonstrate that your rules work as planned.

To improve logic authoring, we made it simple to see exactly what changed, and how, from decision to decision.

Loan						
AbsVariance	ApplicationDate	LID	LoanAmount	SalePrice	Variance	
0.001	8/25/2020 12:00:00 AM	202	182066	239560	-0.001	

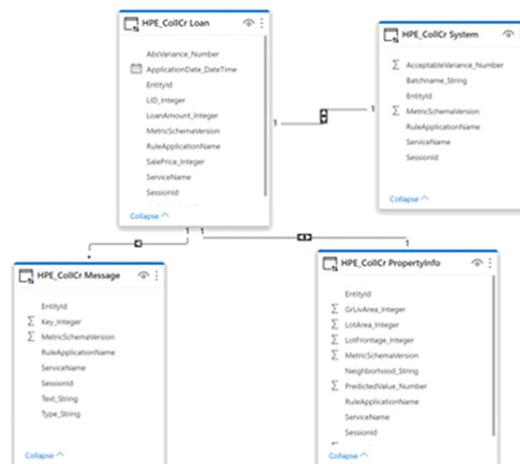
ALL						
	Area	LotFrontage	Neighborhood	PredictedValue	YearBuilt	
2	0.351	73	CollgCr	239681.27806005	2002	

Type	Selected Model	Initial Variance	Initial Predicted Value	Notice	Updated Variance	Updated Predicted Value
4	Variance above K			Notice after 7/1/2020		
5	Application date					
6	CollgCr Upd					

**SEE WHAT STORAGE WORKS FOR YOU**

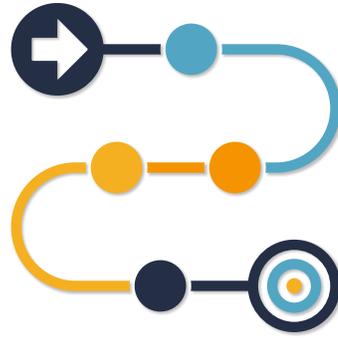
InRule Metrics' adapter-based model enables your organization to use what storage target works for you. With three storage targets available (*Azure Table Storage, SQL Server, and CSV*) you can store your data where you need to. Don't see the storage target you need? No problem, we can help you create a custom solution for your organization.



## REAL-TIME LOGIC ADAPTATION

Whether executing ten or ten million automated decisions, you don't need to wait until the batch has run in order to understand what is happening. You can evaluate and act in real time. You can also design your rule application to adapt.

When specific KPIs are reached, the rule application can take a different path, trigger alerts, stop execution, and send notifications to stakeholders—all in real time.



## SUPERCHARGE YOUR MACHINE LEARNING MODELS

For companies looking to turn their AI strategies into actionable results, track how often and which of your organization's machine learning (ML) models are being leveraged, along with the data submitted, and the results returned. Derive insights into ML model efficacy and usage or feed metrics back into new training datasets for continuous improvement.

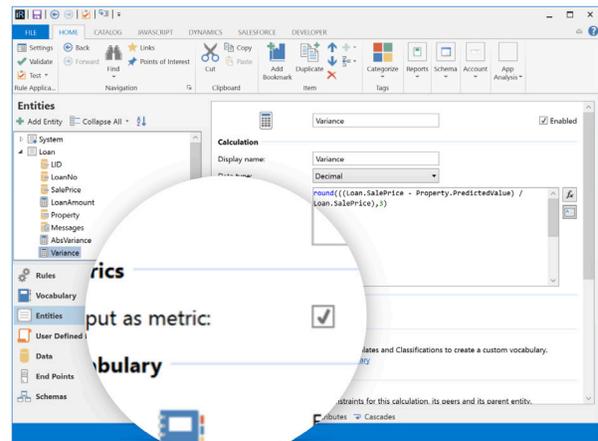
This aspect of InRule Metrics is ideal for teams who need data-driven hypotheses about product offering improvements, algorithmic detection of changes in micro markets, or for any groups seeking increased clarity into how to operationalize their data science investments more effectively.



## QUANTIFY THE VALUE OF DECISION FACTORS

Track virtually any aspect of your organization's automated decisioning, including its potential impact on revenue, without having to enter the traditional software development lifecycle to do it.

Utilize data collected to analyze your customers' behavior (e.g., abandoned orders in carts, revenue upsell opportunities, increased feature usage, app traffic, etc.) by updating the rule application to track the information you want to measure.



HELP YOUR TEAM UNDERSTAND THE IMPACT OF AUTOMATING BUSINESS DECISIONS WITH INRULE METRICS. CONTACT US TODAY TO LEARN MORE.