Anomalo

Data Quality Without Compromise for Financial Services

Trust Your Data For Better Decisions, Stronger Models, And Regulatory Confidence

In financial services, every decision depends on trust, and that trust depends on data. Yet leaders know it's a problem. One survey shows that 77% of IT decision-makers lack trust in their organization's business data.

Portfolio managers trust models to price risk. Compliance teams trust risk-management platforms to flag anomalies. Regulators trust reported data to reflect reality. But when the data behind those decisions isn't trustworthy, the consequences reach from boardrooms to balance sheets.

When Data Fails, Risk Escalates

Low-quality data compromises performance, compliance, and credibility:

- **Compliance gaps:** Inconsistent datasets create reporting errors and open institutions to fines across Basel III, CCAR, and AML.
- **Decision blind spots:** Model drift and inaccurate inputs distort credit, risk, and trading outcomes.
- **Trust deficit:** When executives or regulators catch issues first, confidence in internal data and decision-making erodes.
- **Operational drag:** Teams stay stuck in reactive mode, constantly catching up to data issues instead of preventing them.

Trusted Data Builds Confidence and Compliance

High-quality data empowers financial institutions to act decisively and avoid risk:

- **Prevent losses** by identifying trends that may indicate fraud, data drift, and suspicious transactions before they spread.
- **Support regulatory compliance** with automated validation, lineage, anomaly detection, and root-cause analysis that explains what went wrong for quick repair.
- **Help stakeholders better understand** and trust the data feeding AI-driven models and decisions.
- **Free data teams** from constant troubleshooting so they can focus on analysis and improvement.

Why Legacy Tools Fall Short

Legacy data tools fall into two groups:

1. Rules-based data checking
2. Metadata-only observability tools

Neither can keep up with the scale, complexity, or scrutiny of financial data.

From huge tables of trades and transactions to the unstructured text that informs risk models and regulatory reporting, they catch surface issues, but miss many anomalies that impact accuracy, compliance, and trust.

Financial institutions are stuck in a **data quality doom loop**: writing rules, chasing alerts, discovering issues too late, then scrambling to write more rules.

Anomalo breaks the loop, helping financial institutions shift from reactivity to resilience, and from data uncertainty to trust.

Comprehensive Coverage for Every Kind of Data

Structured data: Monitor and validate core financial datasets, from transactions to credit models, using ML-based anomaly detection.

Unstructured data: Extend monitoring to documents, logs, and text fields that inform compliance reporting and AI workflows.

AIDA, Anomalo's Intelligent Data Analyst: Explore and explain your data using natural language. AIDA helps teams investigate anomalies, understand patterns, and take action before issues escalate.

The Automated Data Quality Platform for Financial Services

Anomalo combines unsupervised machine learning, data observability, and validation to deliver automated monitoring of financial data, so institutions can act with confidence across compliance, operations, and AI workflows.

Anomalo helps financial institutions:



ENSURE COMPLIANCE READINESS
by continuously monitoring and reconciling regulatory and risk datasets



PROTECT MODEL PERFORMANCE
by detecting drift and data shifts before they affect decisions



STRENGTHEN FRAUD PREVENTION
through automated detection of inconsistencies in customer, transaction, and sanctions data



BUILD CONFIDENCE
with transparent monitoring that accelerates audits and improves collaboration

Enterprise-Ready, Built for Financial Scale

FSIs generate some of the most complex, high-stakes data in the world. To help manage and trust that data at scale, Anomalo connects directly to cloud data platforms like Snowflake, Databricks, and BigQuery, monitoring structured and unstructured data across trading, lending, compliance, and fraud systems.

Designed for the demands of financial data:

- **Operate at scale:** ML-driven anomaly detection across hundreds of thousands of tables and petabytes of data, without manual rule writing.
- **Prove compliance:** Continuous validation for regulatory reporting, AML, and credit models with audit-ready lineage and clear traceability of anomalies.
- **Deploy with control:** Choose hosted SaaS on hardened AWS infrastructure or in-VPC deployment on several clouds for flexibility and confidence in how your data is managed and secured.
- **Connect across your data stack:** Deliver full visibility across systems, business units, and geographies.

Trusted by Leading Financial Institutions

FSIs of all sorts—including Nationwide, Discover, and Block—rely on Anomalo to ensure their data is accurate, compliant, and ready for regulatory scrutiny.

"We can now configure unsupervised data quality monitoring within 15 minutes for a dataset. Discover has been using Anomalo in production for nearly two years. We see flourishing adoption and continue to integrate the platform across our entire organization."

— Prakash Jaganathan, Senior Director of Enterprise Data Platforms at Discover

Results that redefine scale: Anomalo turned Discover's 25-year manual data-quality goal into a one-year reality—automating coverage across 100k+ columns and billions of rows, without adding headcount.

DISCOVER

Ready to break the doom loop? Learn how Anomalo helps ensure data accuracy, compliance, and trust.