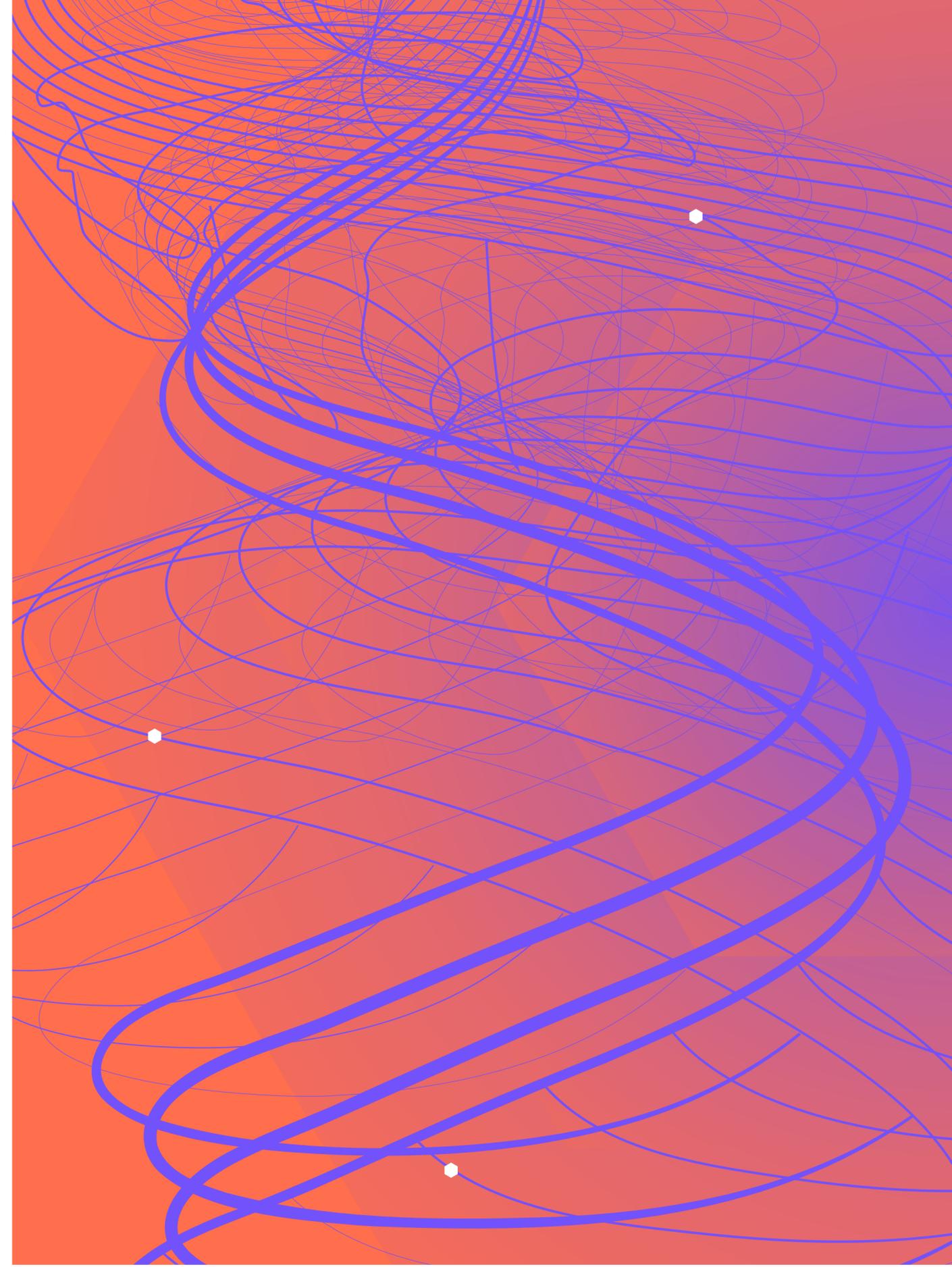


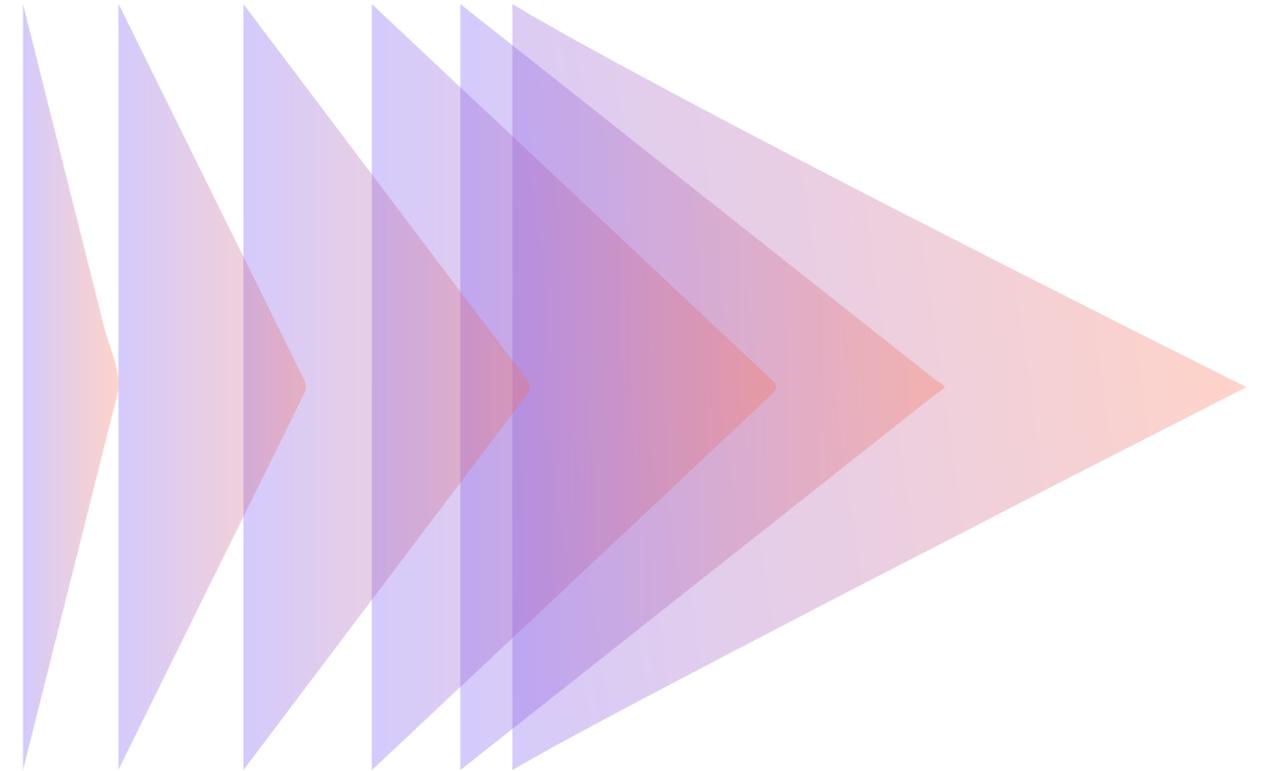
The 3 Hidden Data Threats Undermining Financial Institutions

And a framework to restore confidence →

Anomalo®



Financial services use cases demand modern visibility. Legacy tools can't see the risks you don't know to look for.



THEN



NOW

- Periodic, manual regulatory reporting checks
- Siloed data pipelines for specific risk types
- Simple, deterministic rules for structured data
- Fragmented systems for compliance and fraud

- Dynamic, multi-cloud data ecosystems
- Complex AI models vulnerable to subtle drift
- Increased speed of risk and evolving regulations
- Need for automated “early warning indicator” programs

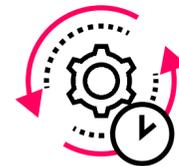
The challenges with legacy data quality in financial services



Brittle, manual rules that cannot keep pace with thousands of tables



“Silent” data shifts that quietly degrade credit and risk models



High Mean Time to Detection/Resolution (MTTD/R) leading to “trust deficit”



Compliance gaps caused by incomplete or late-arriving data

The cost of poor data quality in financial services

REGULATORY FINES

Financial services institutions have faced fines of \$136M and \$28M for data governance and financial crime protection failures.



DATA INTEGRITY

75% of FSI executives say complex regulatory developments dent their investment confidence.



IMPACT

81% of banking data consumers cite poor quality as a primary challenge to usability.



How financial services organizations can break the cycle

01

Build a regulatory-ready data foundation

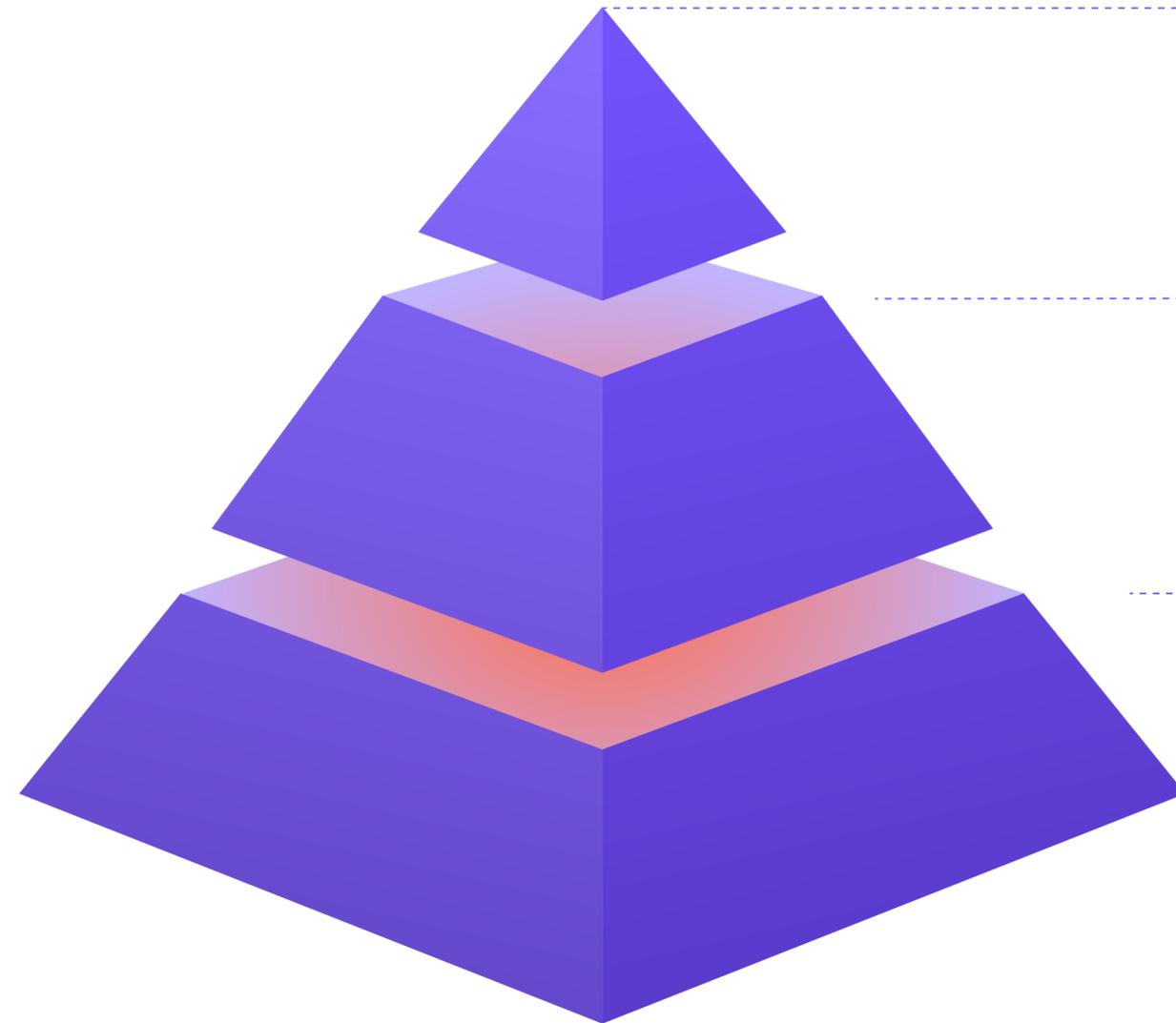
02

Understand data deeply to trust models and metrics

03

Democratize data quality and governance across the business

The Solution



03 DATA CONFIDENCE

Customization, control, and ease of use.

02 MODEL ACCURACY

Deep data understanding and comprehensive coverage.

01 COMPLIANCE READINESS

Enterprise security, scale, and automated anomaly detection.

1. Compliance readiness

Risk Management and Fraud Detection

Automatically reconcile inconsistencies in risk and fraud data, monitor changes to fraud data, and identify emerging fraud patterns.

Regulatory Reporting

Identify inconsistencies in regulatory reporting, monitor changes, and identify emerging regulatory requirements across multiple data sources.

2. Model accuracy

Efficient Underwriting

Ensure timely and accurate third-party data such as credit scores.

Customer 360, Anti-Money Laundering

Identify inconsistencies in customer data, track changes in AML profiles, and detect suspicious transactions across data sources.

Data Feeds

Ensure external market data is accurate and reliable.

3. Data confidence

CFO and Treasury Workflow

Ensure accurate inputs for reporting, capital planning, and regulatory submissions.

Data Sharing

Reconcile first-party and augmented third-party data sets and confirm there are no anomalies in the inbound source data procured through a marketplace.

Optimized Quant Research

Spend less time firefighting and managing data and more time gathering insights from data, lowering TCO.



“We have a Data Risk community at Nationwide, and they’ve created a policy: for our most important assets, you have to have it cataloged in Alation and you have to have data quality with Anomalo. That was the best day of my life in data governance, when they came up with that standard and policy.”



Mike Randall, Director of Enterprise Data Governance at Nationwide

3,000+

Anomalo has found more data quality problems with its out-of-the-box, turnkey solution than Nationwide’s 3,000 rules.

100

of 5,000 databases fall into the top tier. Out-of-box data observability can be applied to all databases and then deep data quality monitoring leveraged across the most important data assets.

Anomalo® + DISCOVER®

“At Discover, we have had to think deeply about how to define high data quality, how to reach that bar, and how to continue to monitor data quality over time and at scale.”



Prakash Jaganathan, Senior Director of Enterprise Data Platforms at Discover

100K+

columns and 1+ billion rows of data

25

years of manual rule-writing effort reduced to 1 year



“Before Anomalo, our SQL-based solution had daily false positives. Checks weren’t maintained because we were firefighting a backlog of requests from business users.”

“What we love about Anomalo was the application of ML and data models to search for anomalies, instead of having to write deterministic checks. Now it’s minutes to onboard a new dataset.”



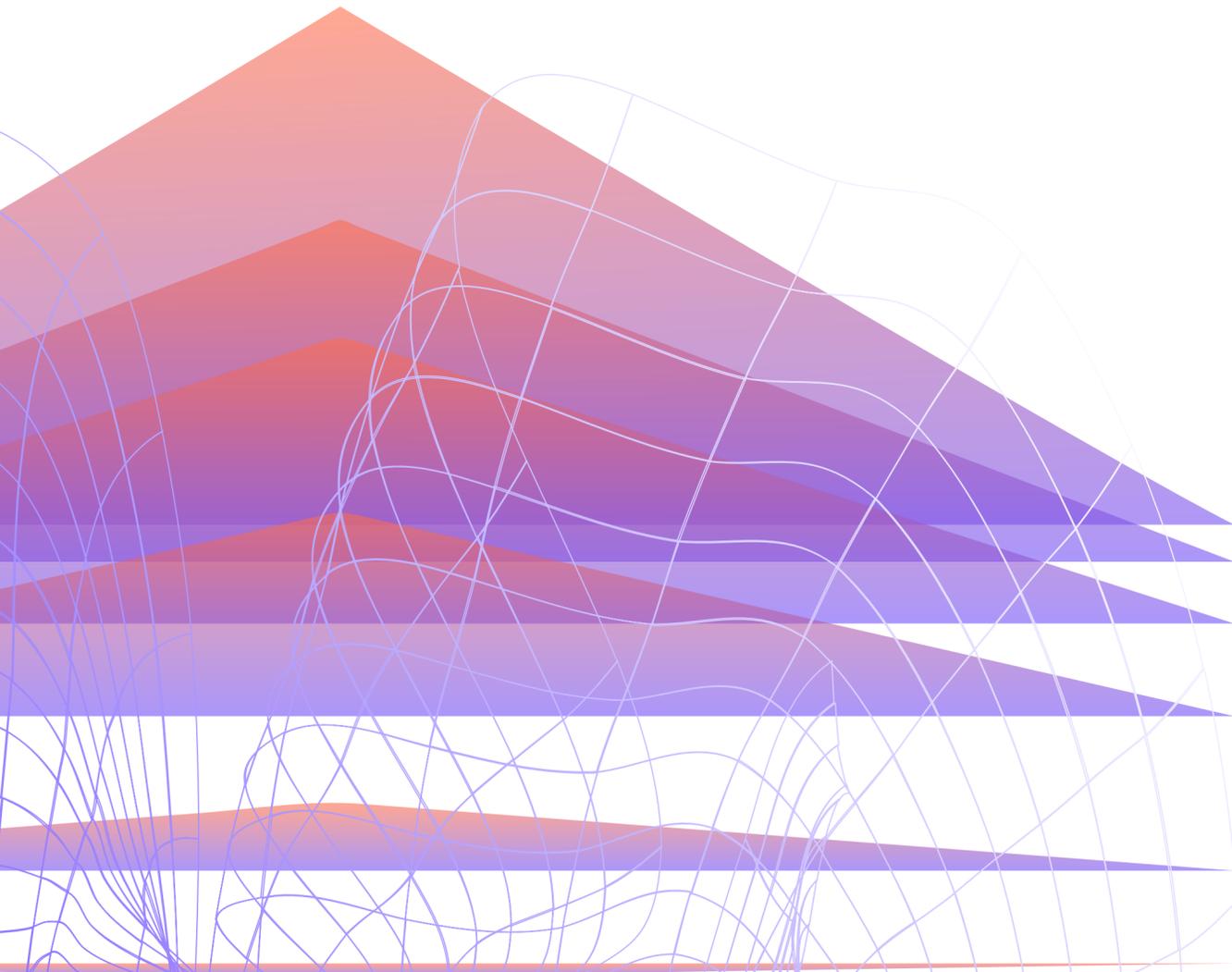
Tim Ng, Tech Lead for Data Governance Foundations at Block

16,000 engineering hours saved

2,000 tables monitored

30% of business requests handled self-serve

The automated data quality platform for financial services



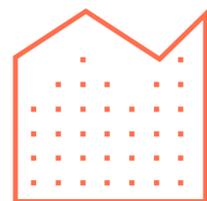
Anomalo combines unsupervised machine learning, data observability, and validation to deliver automated monitoring of financial data, so institutions can act with confidence across compliance, operations, and AI workflows.

Anomalo helps financial institutions



ENSURE COMPLIANCE READINESS

By continuously monitoring and reconciling regulatory and risk datasets.



PROTECT MODEL PERFORMANCE

By detecting data shifts before they affect decisions.



STRENGTHEN FRAUD PREVENTION

Through automated detection of inconsistencies in customer, transaction, and sanctions data.



BUILD CONFIDENCE

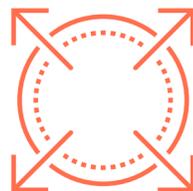
With transparent monitoring that accelerates audits and improves collaboration.

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.

Anomalo is 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.



PROVEN COMPLIANCE

Continuous validation for regulatory reporting, AML, and credit data with audit-ready traceability of anomalies.



DEPLOY WITH CONTROL

Choose hosted SaaS or in-VPC deployment 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.

Results that redefine scale:

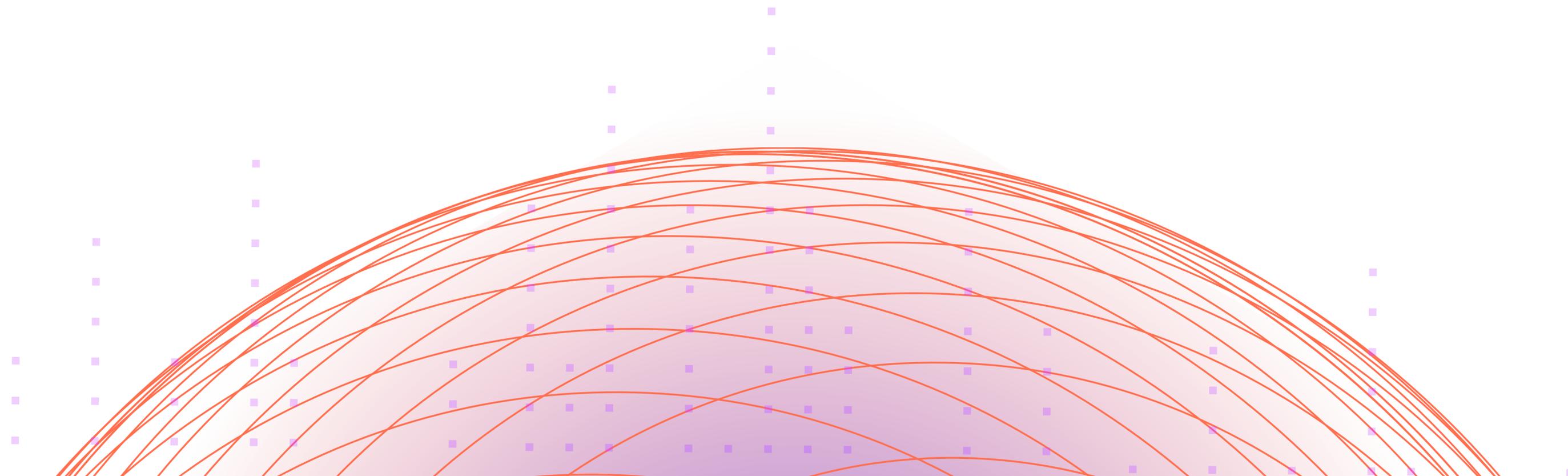
Anomalo turned Discover's 25-year manual data-quality goal into a one-year reality – automating coverage across 100k+ columns and billions of rows, without adding headcount.

“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

**Anomalo helps financial institutions
shift from reactivity to resilience, and from
data uncertainty to trust.**



**See how Anomalo can give you
confidence in your data.**

[Request a demo for your team →](#)

