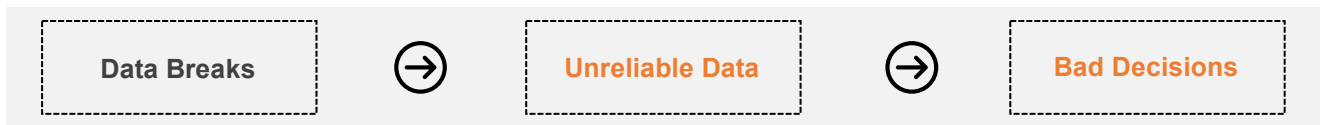# Pryzm

→ Observing Data. Delivering Trust

Your trusted guardian for Data Quality

On-time Delivery of Right Data in Right Format to Right People with End-to-end Data Observability
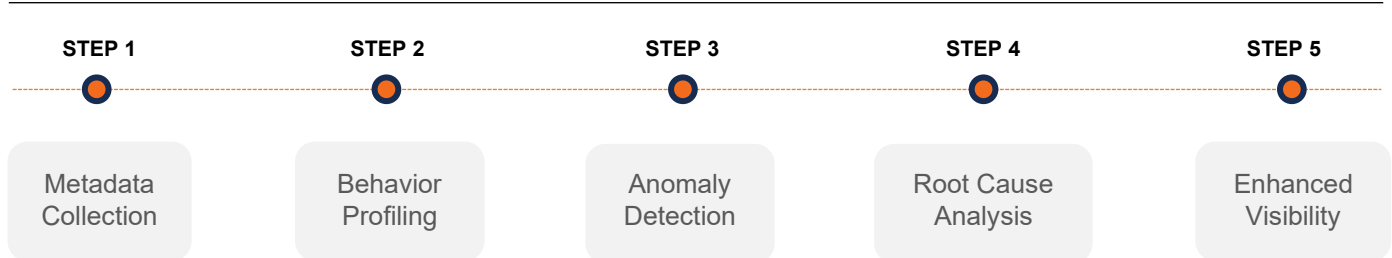
When companies make high-impact decisions on Data and if Data breaks, it affects the Business in severe ways.

Data Breaks	→	Unreliable Data	→	Bad Decisions

Pryzm continuously observes all data assets and ensures your team is the first to know about data anomalies. It proactively alerts the stakeholders and guides with quick root-cause analysis.

Pryzm is crafted to ensure precision and trust in every data point, so that businesses can confidently make data-driven decisions. Pryzm ultimately helps customers derive maximum value out of their data platform investments.

How Pryzm Works?

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
Metadata Collection	Behavior Profiling	Anomaly Detection	Root Cause Analysis	Enhanced Visibility

Deploy Where You Are

Data remains in your Ecosystem

↳ Integration Approach

↳ Modularized Implementation

Fundamental Features

For Data Ops Teams	**For Engineering Teams**	**For Data Governance Teams**	**For Data Consumers/ Business Users**

Proactive Incident Management: Tools for quick identification and resolution of data incidents, minimizing response time and impact.

Automated Anomaly Detection: Know even before data breaks and consumers complain, with prompt alerts on the dashboard.

Real Time Monitoring: Continuous monitoring of all data assets to enable prompt decision-making based on the most current data.

Automated Detection & Alerting: Know even before data breaks and ahead of use-cases and dashboards consumers complaining.

Smart Contextual Triage: Be equipped with full contextual information to dramatically reduce RCA time and efforts.

Comprehensive Data Lineage: Ensuring full visibility into data origins, transformations, and dependencies for better tracking and auditing.

Data Quality: Maintaining high standards of technical and business data quality for accurate and reliable decision-making.

Metadata Management: Collect, organize, share all assets metadata inspired by open standard and specification. Flexible integration driven approach for seamless integrations.

Scalability & Flexibility: Ready to deploy where you are and operate at any scale.

Business Centric & Contextual: Data reliability scoring views to understand data quality from the perspective of business consumption and readiness usage – implemented as RBS (Reliability score for business consumption).

Customizable Alerts & Reports: Tailoring alerts and generating detailed reports to suit specific business needs and preferences whenever a data asset is unreliable.

Key Benefits

Drive Informed Decision Making	Maximize Business Productivity	Eliminates Data Downtime	Accelerate Agility of DataOps

Powered by LUMIQ

Pryzm is conceptualized with the feedback from 40+ Global Clients & the learning from 10+ Years of Industry Experience in building Data Platforms & Data Governance at LUMIQ.

LUMIQ specializes in cutting-edge data engineering and excellence in data science. At LUMIQ, we collaborate with top-tier global enterprises to expedite their journey towards enhanced data maturity.