DQLABS

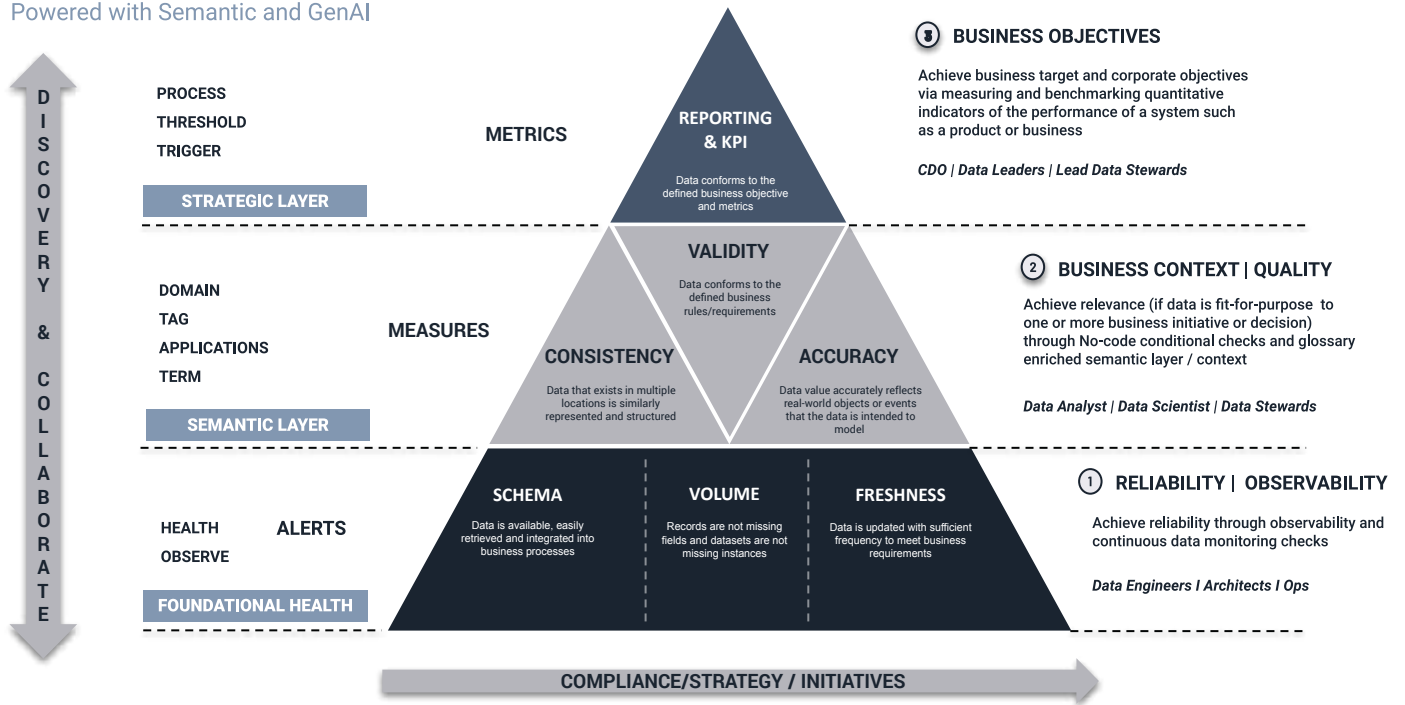# MODERN DATA QUALITY AND OBSERVABILITY PLATFORM

Unified Platform to Deliver AI-Ready Data

DQLabs redefines data management with automated, no-code, MODERN DATA QUALITY AND OBSERVABILITY platform powered by Semantics, AI and GenAI empowering organizations to transform raw data into reliable, actionable insights. Our self-learning platform seamlessly integrates Data Observability, Augmented Data Quality and Remediation of issues to deliver "fit-for-purpose" data for consumption across reporting and analytics.
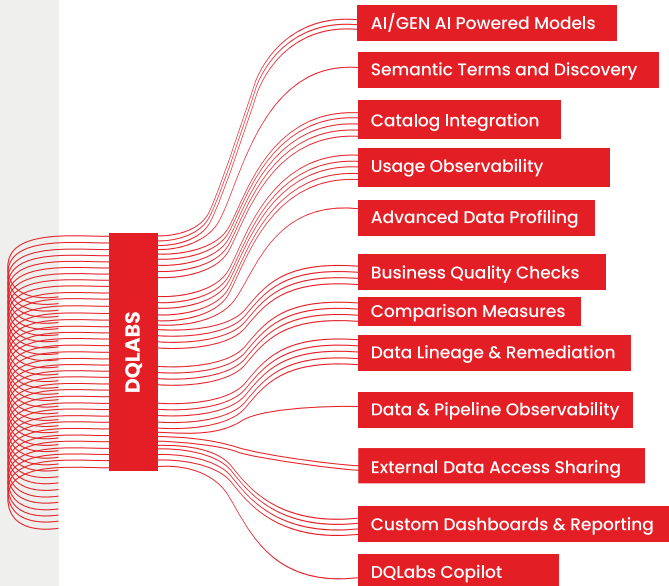
OBSERVE **MEASURE** **DISCOVER** **REMEDIATE**   **BUSINESS USER FRIENDLY**

Modern Data Quality Framework
Powered with Semantic and GenAI

DISCOVERY & COLLABORATE

PROCESS
THRESHOLD
TRIGGER

STRATEGIC LAYER

METRICS

DOMAIN
TAG
APPLICATIONS
TERM

MEASURES

SEMANTIC LAYER

HEALTH   ALERTS
OBSERVE

FOUNDATIONAL HEALTH

REPORTING & KPI
Data conforms to the defined business objective and metrics

VALIDITY
Data conforms to the defined business rules/requirements

CONSISTENCY
Data that exists in multiple locations is similarly represented and structured

ACCURACY
Data value accurately reflects real-world objects or events that the data is intended to model

SCHEMA
Data is available, easily retrieved and integrated into business processes

VOLUME
Records are not missing fields and datasets are not missing instances

FRESHNESS
Data is updated with sufficient frequency to meet business requirements

③ **BUSINESS OBJECTIVES**
Achieve business target and corporate objectives via measuring and benchmarking quantitative indicators of the performance of a system such as a product or business
CDO | Data Leaders | Lead Data Stewards

② **BUSINESS CONTEXT | QUALITY**
Achieve relevance (if data is fit-for-purpose to one or more business initiative or decision) through No-code conditional checks and glossary enriched semantic layer / context
Data Analyst | Data Scientist | Data Stewards

① **RELIABILITY | OBSERVABILITY**
Achieve reliability through observability and continuous data monitoring checks
Data Engineers I Architects I Ops

COMPLIANCE/STRATEGY / INITIATIVES

With AI based Semantic classification and MLOps, DQLabs builds scalable, optimized ML workflows with superior price/performance and near-zero maintenance for anomaly detection, root cause analysis, no-code business quality checks, and identifying business terms. DQLabs increases trust in the validity and accuracy of the data by discovering out-of-the-box data quality checks, automating deep column profiling checks, matching business terms with data assets, and documenting lineage down to the column level, and providing impact and root cause analysis for immediate resolution.

| AI/GEN AI Powered Models |
| Semantic Terms and Discovery |
| Catalog Integration |
| Usage Observability |
| Advanced Data Profiling |
| Business Quality Checks |
| Comparison Measures |
| Data Lineage & Remediation |
| Data & Pipeline Observability |
| External Data Access Sharing |
| Custom Dashboards & Reporting |
| DQLabs Copilot |

DQLABS

100% Trust in Data
for reporting and analytics

10X Improvement
in operational efficiency

OBSERVE-MEASURE-DISCOVER-REMEDIATE THE DATA THAT MATTERS

The DQLabs platform harnesses the combined power of Data Observability, Data Quality, and Data Discovery to automate business quality checks and resolution using a semantic layer to provide "fit-for-purpose" data for consumption across reporting and analytics.

Observe
Detect unknown reliability issues across your data ecosystem to resolve any data issues faster than ever before for both data in rest and motion.

Measure
No code, automated business quality-focused checks for known issues across domains to ensure data is fit for purpose.

Discover
Auto-discover rules and leverage standardized checks on business terms for improved governance and stewardship.

Remediate
Augmented, plus GenAI enabled Remediation combined with the power of Semantics

DQLABS

On a mission to help organizations improve data quality ♡