# unravel™

# aws

# AI-DRIVEN DATA OBSERVABILITY + FINOPS FOR AWS

## Performance. Reliability. Cost-effectiveness.

Unravel's automated, AI-powered data observability + FinOps platform for AWS and other modern data stacks provides 360° visibility to allocate costs with granular precision, accurately predict spend, run 50% more workloads at the same budget, launch new apps 3X faster, and reliably hit greater than 99% of SLAs.

## Unravel Data Observability + FinOps for AWS

**3x  faster time to launch new apps**
End-to-end observability of data-native applications and pipelines. Automatic improvement of performance, cost efficiency, and reliability.

**50%  more workloads for same budget**
Break down spend and forecast accurately. Optimize apps and platforms by eliminating inefficiencies. Set guardrails and automate governance. Unravel's AI helps you implement observability and FinOps to ensure you achieve efficiency goals.

**99%  less firefighting time using AI-enabled troubleshooting**
Detect anomalies, drift, skew, missing and incomplete data end-to-end. Integrate with multiple data quality solutions. All in one place.

**±10%  budget forecast accuracy**
Accurately anticipate cloud data spending to for more predictable ROI. Unravel helps you accurately forecast spending with granular cost allocation. Purpose-built AI, at job, user and workgroup levels, enables real-time visibility of ongoing usage.

A global healthcare company exceeded their Amazon EMR budget by 2x. Using a DataFinOps approach with Unravel, they were able to reduce EMR spending by 50% without job failures.
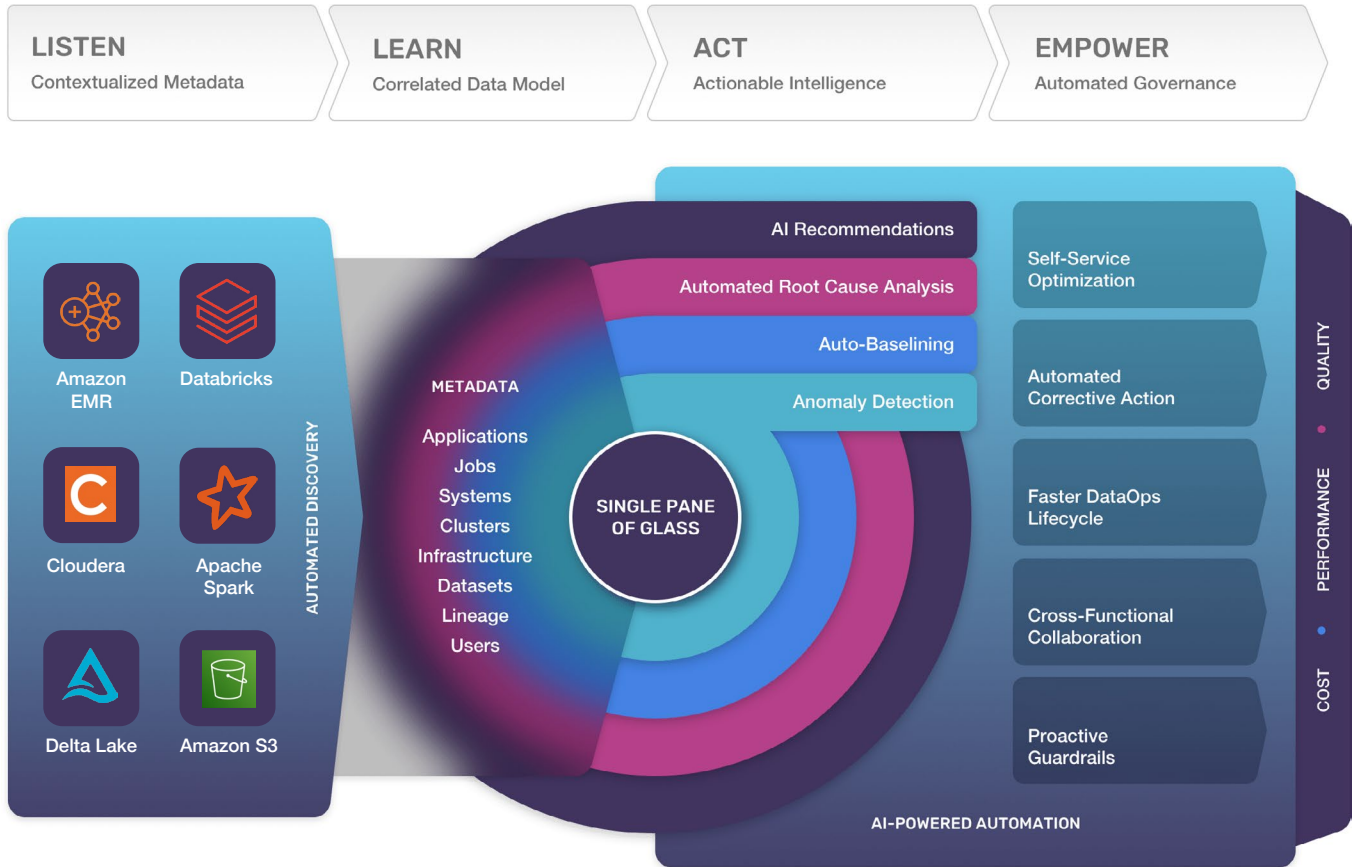
A major financial services provider runs thousands of data jobs a day—from ingestion of data to running models. Using Unravel, they optimize models before deploying them into production, and then perform cost-benefit analysis to measure each model's business value and ROI.

A leading cloud-based location technology platform saved over $500K on their EMR-based data platform and $2M in labor per region while reducing MTTI, MTTR, and RCA by 95% for production issues to achieve 50% fewer customer impacting issues using Unravel.

# UNRAVEL'S AI-POWERED DATA OBSERVABILITY PLATFORM

## Data Observability + FinOps for AWS

**LISTEN**
Contextualized Metadata

**LEARN**
Correlated Data Model

**ACT**
Actionable Intelligence

**EMPOWER**
Automated Governance

### AUTOMATED DISCOVERY

Amazon EMR

Databricks

Cloudera

Apache Spark

Delta Lake

Amazon S3

### METADATA

Applications
Jobs
Systems
Clusters
Infrastructure
Datasets
Lineage
Users

**SINGLE PANE OF GLASS**

AI Recommendations

Automated Root Cause Analysis

Auto-Baselining

Anomaly Detection

Self-Service Optimization

Automated Corrective Action

Faster DataOps Lifecycle

Cross-Functional Collaboration

Proactive Guardrails

QUALITY

PERFORMANCE

COST

**AI-POWERED AUTOMATION**

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### Auto-discovery and metadata capture
Get the details data teams need. Unravel automatically and continuously discovers everything you have running.

### Single pane of glass for single source of truth
Unravel correlates the granular details to build a dynamic data model that connects the dots to provide a holistic view of how everything works together.

### Automated analysis and prescriptive AI recommendations
Unravel's AI-powered recommendations don't just show you what's going on, but why and exactly how to fix things, providing continuous analysis of your jobs, pipelines, clusters, infrastructure, datasets, and more.

### Proactive guardrails, governance, self-service
Unravel enables automated guardrails for a wide variety of parameters such as size, job length, and cost. You can enable proactive smart alerts via Jira, Slack, and PagerDuty.

**Ready to learn more?** Contact us at hello@unraveldata.com

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