unravel

Google Cloud

BigQuery

AI-DRIVEN DATA OBSERVABILITY + FINOPS FOR GOOGLE CLOUD BIGQUERY

Performance. Reliability. Cost-effectiveness.

Unravel's automated, AI-powered data observability + FinOps platform for Google Cloud BigQuery 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.

Balancing cloud-scale power and efficiency is challenging

Visibility
Determining where your BigQuery spend is going is difficult with no graphical view of performance and cost metrics. Many people across the organization depend on shared warehouses, making it hard to see which users and queries are consuming the most resources. This makes it extremely difficult to know how to reduce costs.

Optimization
Accurately understanding and optimizing BigQuery warehouse performance and efficiency across the organization is extremely difficult. Warehouses are often shared in order to maximize value. As the number of concurrent users increases, it becomes difficult to know what to optimize and how to reduce waste.

Governance
Unpredictable costs make budgeting challenging. There are limited means to establish guardrails for proactive alerting. It is challenging to automate proactive monitoring and alerting.

Unravel Data Observability + FinOps for BigQuery

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.

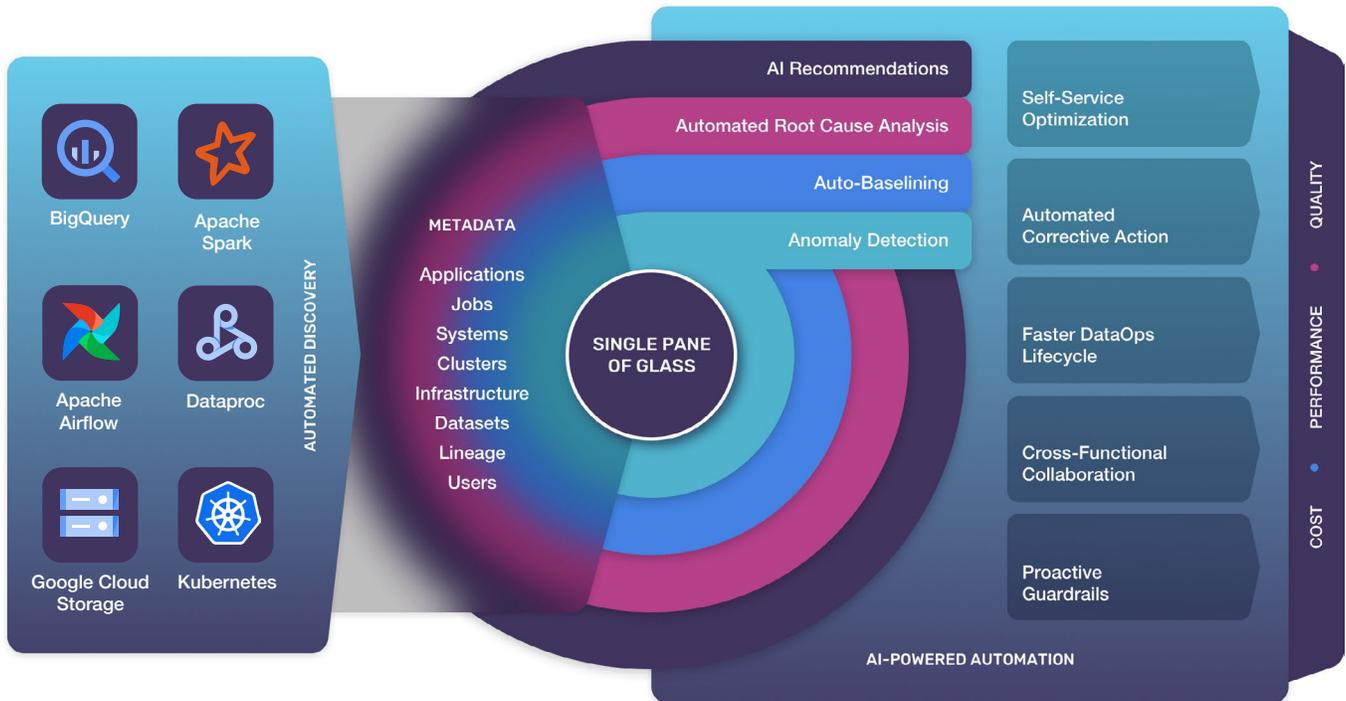**99% less firefighting time using AI-enabled troubleshooting**
Detect anomalies, drift, skew, missing and incomplete data end-to-end. Integrate with multiple data quality solutions. All in one place.

±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.

UNRAVEL'S AI-POWERED DATA OBSERVABILITY PLATFORM

Data Observability + FinOps for Google Cloud BigQuery

LISTEN	LEARN	ACT	EMPOWER
Contextualized Metadata	Correlated Data Model	Actionable Intelligence	Automated Governance

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