



END-TO-END OBSERVABILITY FOR GOOGLE BIGQUERY

Optimize costs and improve Google BigQuery performance with Unravel's DataOps observability

Google BigQuery is a serverless, scalable, and cost-effective multi-cloud data warehouse designed for business agility. Once you're using Google BigQuery, you will be able to run lightning-fast queries and leverage it for advanced analytics use cases.

Poorly written queries and rouge queries can create a nightmare for data teams when it comes to fixing and preventing performance issues, and as a result, costs can quickly spiral out of control. Understanding cost granularities and driving accountability becomes challenging. Data pipelines must be scaled to handle enormous loads as a result of the growing data. These data pipelines need to be tuned continuously for better performance and to keep the costs under control.

Whether you want to move your on-premises data to Google BigQuery or make the most of your Google BigQuery investments, Unravel can help businesses that struggle to find the optimal balance of performance and cost of Google BigQuery. Unravel's DataOps observability can assist you with migrating your data to Google BigQuery. After you are on Google BigQuery, Unravel enables you to govern and optimize costs, and improve query performance.

With Unravel Data for Google BigQuery you can:



Optimize and govern costs

Understand trends, set budgets, plan capacity, and further optimize for costs. Support FinOps to gain control over cloud spending, allowing for more accurate forecasting, and making the most of Google BigQuery. Automated guardrails detect and eliminate rogue users, runaway jobs that affect cluster usage, and cloud spend.



Shorten DataOps cycle time

Get a unified view for diverse development teams for greater collaboration, more efficient troubleshooting, and increased productivity of the entire team throughout the DataOps cycle. Ensure continuous validation checkpoints in development to significantly improve reliability in production.



Get faster MTTR without the toil

Expedite troubleshooting for your data pipelines with AI-enabled insights and recommendations, along with automated actions. Automated root cause analysis pinpoints issues in minutes, not days.



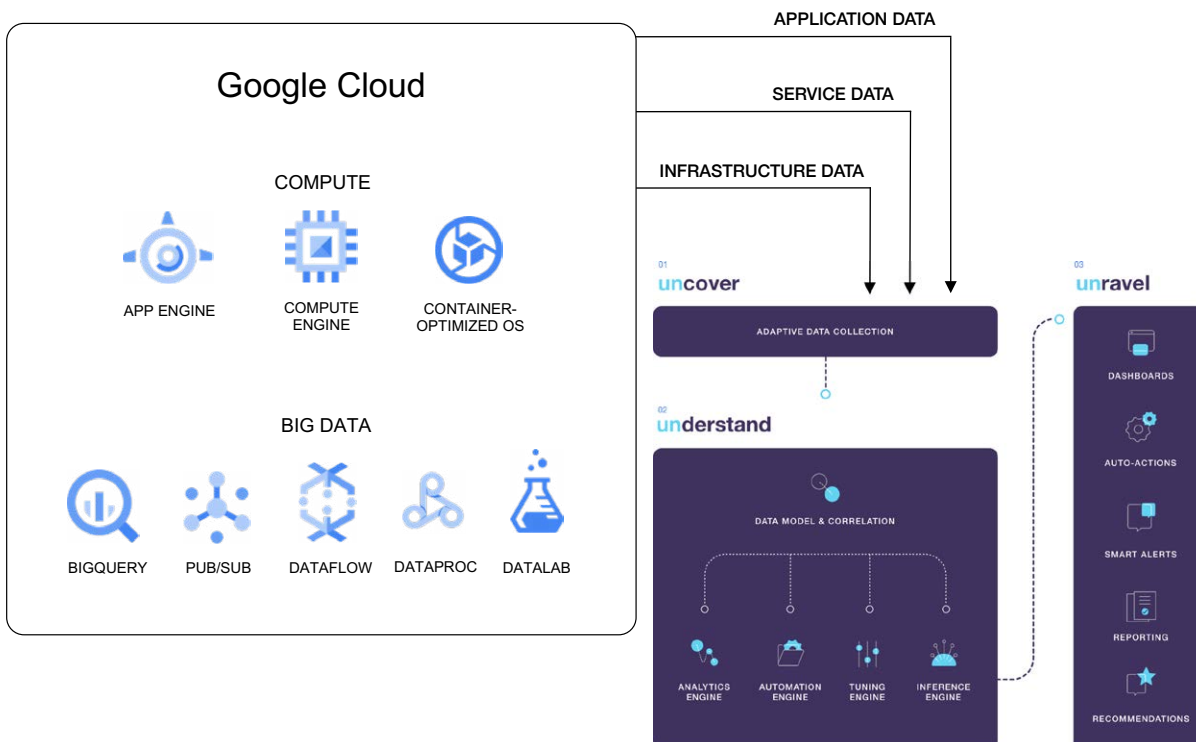
Save data engineers time and effort

Uncover anything that is slowing down your app from bad configs to expensive joins and get AI-enabled optimization recommendations that not only informs about what's going on and why, but also gives precise prescriptions on what to do next. Enable self-service monitoring and troubleshooting of common anomalies—without having to rely on the core engineering team or expensive outside resources.



Accelerate cloud data migration

Assess and understand your current on-premises data estate, how it maps to Google BigQuery, and prioritize data apps for migration accordingly. Plan and forecast data migration costs and configurations accurately to ensure on-time and on-budget migrations. Explicitly understand dependencies to avoid missing deadlines, going over budget, and experiencing performance degradation.



Why Unravel Data for Google BigQuery?

Unravel's DataOps observability platform enables your data teams to intelligently optimize, automatically troubleshoot, and proactively control costs of data pipelines and applications such as Google BigQuery. Designed for modern data stacks, Unravel captures, correlates, and analyzes the granular insights you need to maximize business value from data

Trusted by data-driven companies

- [Mastercard improves data stack performance by 30%](#)
- [DBS Bank speeds mean time to resolution \(MTTR\) 50-80%](#)
- [Adobe saves millions on cloud data migration](#)

As a Google Cloud Platform (GCP) technology partner, our goal is to assist you in optimizing your existing infrastructure investments, as well as efficiently planning and forecasting future Google BigQuery investments.

Unravel supported data technologies and integrations

Unravel supports and integrates with all popular data management tools and this list is continuously growing, so check out our [integration page](#) for more information.

Next Steps

To learn more about how Unravel Data can help your business, contact: [Data experts](#) | 650.741.3442