

ACCELERATE DATA MIGRATIONS TO GOOGLE CLOUD

Gain full visibility into your big data stack, prioritize data workloads, and reduce costs when migrating to Google Cloud Dataproc and BigQuery

“More than 70% of companies have now migrated at least some workloads into the public cloud.”

- Gartner

Data is now at the heart of all modern businesses. The most promising part of AI and analytics is extracting value from data. However, most businesses are still having difficulty implementing this value into practice as planned. The absence of modern data management capabilities is the reason why many are still struggling. Legacy big data operations are too complex and expensive to manage due to the number of moving pieces.

Organizations are migrating existing legacy data operations to the cloud or developing new data applications to meet the growing demand for reliable and timely data, as well as the expanding volume of data. The adoption of the cloud has accelerated at a never-before-seen rate.

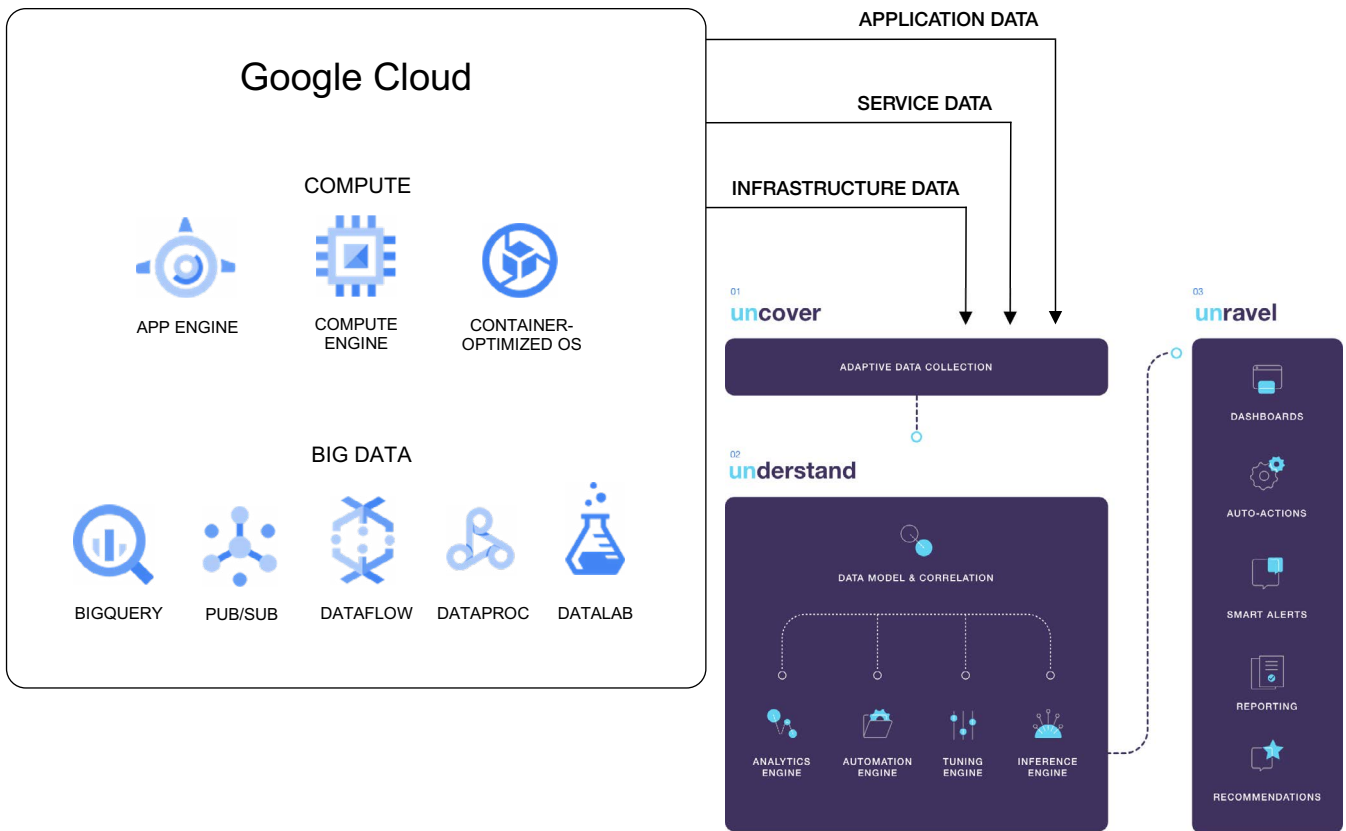
Move toward Google Cloud

To tackle this challenge, organizations are turning to Google Cloud. The platform provides reliable and scalable infrastructure tools and services, including Google Cloud Dataproc and Google Cloud BigQuery to build data applications in the cloud.

Google Cloud BigQuery: Serverless, highly scalable, and cost-effective multi-cloud data warehouse designed for business agility

Google Cloud Dataproc: Fully managed and highly scalable service for running Apache Spark, Apache Hadoop, Apache Flink, Presto, and 30+ open-source tools and frameworks. Fully integrated with Google Cloud, at a fraction of the cost.

Having complete visibility into data operations is critical to the success of data application modernization to Google Cloud Dataproc and Google Cloud BigQuery projects. When moving data to the cloud, data observability is an important but sometimes overlooked activity. It is critical for removing data migration roadblocks, since it provides an understanding of why something is going wrong in data operations and how to fix it quickly.



Unravel Data + Google Cloud = extraordinary together

The Unravel and Google Cloud partnership has always focused on radically simplifying migration to the cloud and enabling joint customers to get the most value from their data modernization initiatives while lowering costs.

Unravel works with Google Cloud to help enterprises de-risk data migration to Google Cloud without disrupting business operations. Easily estimate and control the cost of data operations and drive more value from data.

Unravel makes data migration to Google Cloud effortless

After helping several organizations successfully migrate to the cloud, Unravel created the following features and steps to help you to get the most out of your data migration initiatives.

Plan

Don't guesstimate. Fully understand migration and operational cost of data applications, data users, data projects, and business units that you plan to move to Google Cloud, before you migrate. Unravel captures the current state of data in an automated fashion without requiring manual interviewing of SMEs.

Don't overpay. Allocate only the computing and storage resources required by your migrated data apps. Unravel can break down resource requirements by each data application, data user, business unit, or project.

Migrate

Don't break anything. Get a complete understanding of dependencies between data applications, datasets, users, and resources. Migrate while keeping these dependencies in mind and avoid breaking anything in your new Google Cloud environment.

Migrate confidently. Get real-time visibility into what's working and what's not working in a cloud service. Use Unravel to fix errors, inefficiencies, slowness, and resource abuse.

Manage

One tool. Unravel is purpose-built to manage performance across multi-hybrid cloud environments as well as on-premises environments in one place.

Guarantee performance. Measure and optimize performance and costs of your data operations to make sure they meet desired results.

Drive innovation. Develop, scale, and monitor new data applications on Google Cloud to drive your business.

Why Unravel Data?

Organizations today find it difficult to predict cloud migration costs and are unsure about completion timelines. Existing tools are not built for the modern data clouds.

Unravel Data is the only vendor who can provide full-stack visibility and cost governance for your data stack across the environment:

- **Cost governance and usage optimization reduce data platform costs by 30%**
- **Seamless integration with Google Cloud**
- **Reduces time-to-resolution and enables self-service troubleshooting via AI-powered root cause analysis and recommended improvement actions**
- **Supports a broad range of data technologies**

Next steps

- Get in touch with our data experts to discuss more. [Contact us](#)
- Learn more about Unravel Data platform capabilities. [Get started for free](#)

Technologies supported by Unravel Data

Big data ecosystem	SYSTEMS AND ENGINES							
	WORKFLOW SCHEDULERS							
Environment	PLATFORMS							
Other tools	MICROSERVICES				INFRASTRUCTURE ENVIRONMENTS			
	SECURITY AND ACCESS CONTROL							
	MONITORING							
	COLLABORATION							