30 Hours Saved Monthly: Boosting Data Engineer Efficiency

Masthead provides log-based data and pipeline observability with data FinOps features for the data platform. This unique approach enables real-time monitoring and full visibility within five hours, all without requiring access to the actual data.

The challenge

Tatum, with 10K+ users globally and over 35B in transaction volume, presents complex challenges for its data team. Tasked with gathering and modeling data to support rapid testing and decision-making, the team faces intense pressure under limited resources. They needed a solution to monitor data issues in real-time, scaling automatically with their expanding platform and evolving use cases.

The solution

Google Cloud enabled Tatum's data team to seamlessly collect and model data from various sources at a large scale. Masthead provided visibility into processes on the data platform without requiring integration with data collection or modeling tools. It offered automated anomaly detection in data and pipelines, adapting to new pipelines automatically and delivering real-time alerts if issues arose.

The result

Masthead provided Tatum's data team with automated visibility into data and pipeline anomalies without need to create or adjust rules. The team no longer had to build or maintain monitorings—an instant gain in their high-velocity environment—saving the data engineer 30 hours monthly. As Google Cloud enabled Tatum to scale rapidly, Masthead ensured full, hands-free observability for data platform.

> " Our data team uses Masthead daily, primarily in the morning, to check for spikes or delays in data delivery across the platform, ensuring timely data collection and delivery to business stakeholders. It saves an hour each day, with monitoring automatically created for data anomalies and workflow issues. Masthead has become integral to our stack, seamlessly supporting all our data initiatives. "
>
> Petr Vrba, CTO, Tatum

About Tatum Technology s.r.o.

Tatum empowers developers, entrepreneurs, and businesses with a comprehensive platform to harness blockchain technology. It is an open-source technology; Tatum provides robust infrastructure and a unified framework for 90+ blockchain protocols. This enables any developer, regardless of blockchain experience, to build Web3 applications seamlessly.
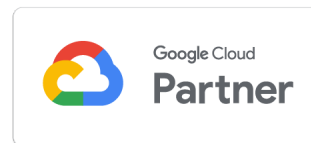
Vertical/horizontal solution: Other

Primary project location: Czech Republic

About Masthead Data Ltd.

Data reliability platform: detects anomalies, observes pipelines, and optimizes compute costs. Logs-based, deploys in 15 min, results in 5 hours.

Products

Google Cloud Platform