

Mnemonic Achieves 20% Pipeline Cost Reduction with Masthead

Masthead, a data observability platform, empowers businesses to track compute costs of BigQuery pipelines. Mnemonic leveraged this functionality, optimizing compute resource management and achieving a remarkable 20% reduction in pipeline costs.

The challenge

Mnemonic indexes and processes billions of transactions and terabytes of data from the blockchains per month and builds complex data pipelines on top of the ingested data. Mnemonic faces difficulties in tracking CPU capacity slots consumed by regular queries and monitoring its BigQuery fees. Any bugs or unexpected spikes in CPU capacity consumption can have a severe impact on customer fees.

The solution

Masthead enables Mnemonic to closely monitor pipeline and data modeling costs. Within just 24 hours of onboarding, Masthead detected inefficient pipelines consuming excessive compute power, impacting BigQuery expenses. With data lineage and real-time anomaly detection, combined with cost tracking, Mnemonic gains insights into factors influencing their cloud pricing.

The result

In just 24 hours, Masthead enabled Mnemonic to reduce Google BigQuery's pipeline compute costs by 20%. Mnemonic's data team promptly identified and eliminated multiple inefficient processes in their Google Cloud project. With Masthead, Mnemonic achieved comprehensive data observability, regained control over their data infrastructure, optimized cloud pricing, and ensured data reliability.

“ Masthead in 24 hour after onboarding highlighted pesky queries consuming significant compute costs in our project. With their help, we identified and eliminated an irrelevant process, resulting in a remarkable 20% reduction in our pipeline compute costs. Their efficiency in pinpointing cost-saving opportunities was truly impressive. ”

Andrii Yasinetsky, CEO at Mnemonic



About Mnemonic

Mnemonic is NFT intelligence data platform designed to enable developers, enterprises, and brands to build new experiences that cater to bringing the next billion users to Web3. Mnemonic provides the most reliable and comprehensive NFT data and machine learning-powered insights possible to wallets, marketplaces, and brands using Web3 technologies.

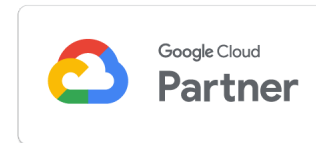
Vertical/horizontal solution: Other

Primary project location: United States



About Masthead Data Ltd.

Masthead delivers data observability without compromising data privacy or security. It helps data teams to identify data malfunctions in real-time.



Products

Google Cloud Platform