Domina - Creation and Implementation of a Data Lake and Data Ware

uCloud provided expert guidance and technical support throughout the project, introducing the client to essential Google Cloud services like Vertex AI and BigQuery. Chosen for its deep expertise, uCloud ensured continuous collaboration and hands-on a

The challenge

Domina faced challenges in managing massive volumes of disparate data from multiple sources, leading to inefficiencies in data processing, delayed reporting, and an inability to gain real-time insights critical for optimizing operations and enhancing customer satisfaction.

The solution

Created an integrated Data Lake and Data Warehouse architecture, leveraging cloud-based solutions to centralize all data streams. This architecture facilitated real-time data ingestion, processing, and storage, with robust extract, transform and load pipelines and automated workflows, enabling seamless data analytics and timely reporting.

The result

The newly implemented architecture significantly enhanced data processing speeds, reduced reporting time by 50%, and provided real-time insights that empowered the company to make data-driven decisions faster. This transformation led to optimized logistics operations, improved customer satisfaction, and a stronger competitive position.

> The creation of a tailored Data Lake and Data Warehouse architecture revolutionized the logistics company's data management capabilities. The solution streamlined data flow from multiple sources, enabling real-time analytics and reducing reporting delays, ultimately driving operational excellence and customer satisfaction.

About Servicio de Logística - Domina Entrega Total

A leading logistics company specializing in global package delivery services, striving for innovation in data-driven decision-making to maintain competitive advantage and operational efficiency.
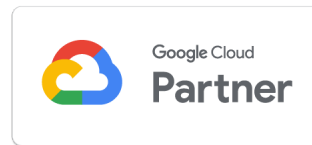
Vertical/horizontal solution: Logistics

Primary project location: Colombia

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uCloud is the only partner specialized exclusively in Google solutions with global presence. Large expertise in Google Workspace, GCp and Chrome

Products

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