Three Years. One DMS.

How a Distillery Data SWOT Team Enabled a Global Travel Company to Revolutionize Their Data Management System.

The Urgency

A global travel leader faced critical challenges with outdated, legacy data management systems.

They needed to migrate to a modern data infrastructure to centralize their global customer CRM data and integrate a vast array of tools and platforms into a unified Data Management System (DMS). Given the number of customers, transactions, and stakeholders involved, this was no small task.

The Distillery Approach

Distillery spearheaded the data transformation journey, which unfolded over three pivotal years. A small team of 2 managers, 4 data scientists, and 5 engineers worked collaboratively with the client's global data team.

The first year was focused on stabilizing the foundation by migrating databases, cleaning data, and establishing secure data pipelines, integral components of our data engineering strategy. We also developed backend APIs and managed security access to ensure data integrity and reliability.

The second year saw enhancements and upgrades, including system upgrades, rigorous testing, and advanced logging and monitoring—all key aspects of data engineering best practices.

By the third year, we expanded the system's capabilities to meet increasing data demands, optimize dashboard performance, and improve user experience with an innovative API for rapid content translation.

Throughout this period, our team of data scientists and data engineers utilized a robust tech stack, ensuring the system's health and compliance with security protocols. The collaborative effort between Distillery and the client resulted in a secure, efficient, and future-ready data management system.

The Results

By the end of the third year, Distillery had transformed the travel company's data management capabilities, delivering:

- Stable and Secure Systems: Reliable and secure data access for all users.
- Enhanced Efficiency: Significantly faster and more efficient data consumption for business and marketing teams.
- Partner Attraction: A robust, secure, and reliable system that attracted key partners.
- Future-Ready Infrastructure: An upgraded and future-proof data management system ready to scale with the company's growth.

Continuing Partnership
Following this transformative journey, Distillery continues to work closely with the travel company, supporting ongoing enhancements and ensuring their data systems remain at the cutting edge of technology and security.