



Modern Data Architecture Implementation in Financial Services

FLUREE USE CASE

Modern data architecture patterns play a critical role in the stabilization of financial services organizations. Adoption of these patterns enables FS companies to establish and maintain a competitive advantage.

The transition to a new modern data architecture streamlines operations for FS organizations, leveraging existing architecture to lower operational costs for data processing and improve data quality. Implementation of modern data architecture also addresses pressing regulatory compliance concerns.

Effective data intake and management is the driving force that supports organizational reach of these goals. Lacking data architecture creates space for poor data translation that inhibits an organizations' ability to understand data that they have or receive.

Traditional data architectures are often fragmented, siloed, and inflexible, making it difficult for organizations to effectively manage and leverage their data assets. To overcome these challenges, many FS companies are turning to modern data architectures that are designed to be more agile, scalable, and cost-effective.

FlureeSense™ is a proven AI- based software that expedites the process of providing clean data.

We are able to deliver data 10x quicker than traditional methods.

Our solution automatically tags data and creates a clean version with little to no human intervention. The smart AI based solution uses unique genome capabilities that decipher and deconstruct complex datasets and prepares them for use by analytical systems.

This significantly reduces the operational costs of managing the data and provides for faster delivery of analytics than traditional methods. Fluree is a key partner in enabling you to deliver on the promise of a robust Digital Transformation Strategy!



"With Fluree Sense™ We are able to deliver data 10x quicker than traditional methods."

ELIUD POLANCO
PRESIDENT

Former Chief Analytics Officer at HSBC Bank and primary inventor of the FlureeSense™ technology.



How a large North American Financial Services company successfully leverages Fluree in their Modern Data Architecture journey



FLUREE USE CASE

At-a-glance

CUSTOMER: TIER 1 GLOBAL BANK, ≈\$1T ASSETS UNDER MANAGEMENT

SIZE: 10,000+ EMPLOYEES

REGION: NORTH AMERICA

INDUSTRY: FINANCIAL SERVICES



CUSTOMER CHALLENGES

Like many financial institutions, critical business data at this global bank was locked inside multiple databases and operational data stores across the bank's Retail Banking, Wholesale Banking, Commercial Banking, and Wealth/Asset Management business functions.

The result was an expensive and unproductive assortment of data silos. To maintain the complexities of the existing 30 Petabytes system, the bank spent ~\$50MM. The initial data ecosystem in use was a collection of complex tools and technologies that required varying niche skills to sustain. Poorly governed data became a swamp of blurred information, heightening the cost of maintenance under regulatory supervision programs to materially improve customer data infrastructure.

THE SOLUTION

Using FlureeSense, the client was able to implement a (first ever) Customer Master ID across all lines of business and full Customer 360 view. These changes in part helped the client to pass the Customer Data Quality Audit (for the first time). Their achievements were acknowledged by industry regulators.

Since using Fluree, the client has successfully reconciled positions between Front and Back Office operations and is able to reconstruct each line item of the balance sheet back to their underlying positions and to the transactions within those positions.

FlureeSense solved long-standing data challenges while reducing Annual CapEx by ~60%; In 36 months of Fluree use, the client saw a 344% ROI. Implementing FlureeSense automated many of the expensive and manual processes for cleaning and organizing data and in turn unlocked the bank's ability to produce data-driven insights across the organization.

Simplified data environment, by consolidating multiple databases and operational data stores into one system



Reduced dependency on expensive manpower by automating data cleansing and organizing processes



Reduced Annual CapEx by ~60%; In 36 months of Fluree use, the client saw a 344% ROI

