databricks

Simplifying Data + AI so Financial Services Institutions can Mitigate Risk and Innovate Faster

Data is at the core of nearly every innovation in the financial services industry. Leaders across banking, insurance, capital markets, and wealth management are harnessing the power of data and analytics to solve strategic challenges and make smarter decisions that minimize risk, prevent fraudulent behavior and drive sustainable value creation.

Leading financial services institutions power innovation with Databricks

ABN·AMRO

Boost analytic productivity to improve customer experiences and mitigate risk

FINRA

Analyze billions of trading events per day to prevent fraud in the US securities markets
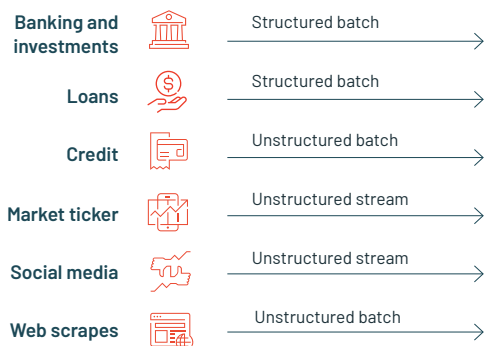
Nationwide®

ML-driven actuarial modeling increases the predictability and accuracy of insurance pricing
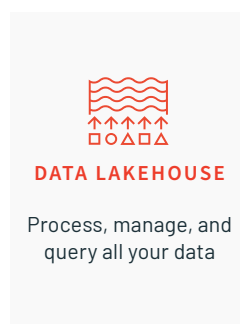
Unlock the value of data lakes for BI and ML

Databricks provides a lakehouse platform that helps financial services institutions democratize data for downstream analytics and AI — minimizing risk while accelerating transformative and sustainable innovation.

All your financial services data

Banking and investments	Structured batch
Loans	Structured batch
Credit	Unstructured batch
Market ticker	Unstructured stream
Social media	Unstructured stream
Web scrapes	Unstructured batch

Reliable, real-time processing

DATA LAKEHOUSE

Process, manage, and query all your data

Analytics capabilities for every use case

AD HOC DATA SCIENCE

Churn prediction

Lookalike audiences

PRODUCTION MACHINE LEARNING

Risk management

Fraud detection

ESG

BI REPORTING AND SCORECARDING

Scorecards

Dashboards

DATA CHALLENGE	THE DATABRICKS LAKEHOUSE FOR FINANCIAL SERVICES
DATA INGEST: Processing batch and streaming data can be slow and error-prone, impacting downstream analytics.	Connect traditional data with alternative data insights
DATA LAKE MANAGEMENT: Data silos can limit ability to gain a complete view of the customer.	Easily handle large volumes of data from multiple sources (banking, claims, ticker, social, ESG, etc.) built on a strong privacy foundation.
DATA QUERY: Fragmented, siloed and inconsistent data sources for BI and data science.	Ability to rapidly and inexpensively experiment, manage and push out at scale from a single platform.

Databricks financial services customers

CREDIT SUISSE FiS Nationwide® reonomy nubank ABN·AMRO

MONETA MONEY BANK ZURICH® FINRA M | science BANCO Hipotecario Facteus

Common use cases in financial services

Banking and Payments

Deepen customer relationships through secure and personalized services

Customer 360 Risk Management Regulatory Compliance Fraud Detection

Insurance

Optimize the entire insurance value chain with automation and predictions

Claims Automation Actuary Science Risk Monitoring Case Management

Capital Markets

Reduce risk while boosting customer ROI with intelligent investments

Back-testing Risk Management Trading Cost Analysis Regulatory Reporting

To learn more visit us at **databricks.co/fiserv**

The Databricks Impact

Databricks helps companies automate infrastructure management, increase ETL performance at scale, and accelerate machine learning and analytics initiatives.

12x faster
ETL pipelines

Impact: Faster time-to-market of new analytics insights and models.

+25%
gains in productivity

Impact: More productive data scientists results in more AI innovation.

+47%
Overall cost savings

Impact: Lower infrastructure costs boosts operational margins.