



Artificial Intelligence for Financial Services

From our core technology, to our suite of intelligent applications, Ayasdi builds enterprise class AI for the financial services industry.

Our Philosophy

Ayasdi's strategy is built around the philosophy that artificial intelligence will transform the enterprise and the vehicle for that transformation will be intelligent applications. From our underlying machine intelligence platform, to our application development framework and ultimately our use-case specific applications - we endeavor to solve the most complex challenges facing financial services industry today.

Our Technology

The engine that powers our platform is called Topological Data Analysis (TDA). TDA is considered to be one of the most significant technological advancements ever funded by DARPA and is the source of a broad range of awards and recognition. Ayasdi's approach to TDA draws on a broad range of machine learning, statistical, and geometric algorithms – combining and synthesizing them in accordance with the data. TDA reduces the possibility of missing critical insights by reducing the dependency on machine learning experts choosing the right algorithms.

What Makes Ayasdi Different

Our Values

Intelligence – Our brand of intelligence has unique characteristics, most notably the capacity to justify its actions.

Application Framework – Specific applications and a suite of technologies that facilitate the design and development of applications.

Enterprise Scale – Secure, reliable, manageable, and field tested to scale algorithmically and computationally.

Our Clients

3 of the 10 largest banks in the world, the world's leading retailer, 2 of the 5 largest health insurance providers.

Our Solutions

Ayasdi's Financial Services Solutions offer the context required to address specific business challenges, covering a broad range of mission critical areas from financial crimes, conduct risk, cybersecurity, model risk, asset and policy pricing to customer intelligence:

Customer Intelligence – Provide a more granular customer segmentation, predict churn, and customer product/service propensities.

A top 5 Canadian bank predicted the churn of high-risk customers with 70% accuracy and provided a transparent, detailed segmentation of churning customers.

Anti-Money Laundering – Granularly segment customers and transactions for more optimized scenario threshold tuning, while automatically dispositioning and categorizing new alerts.

HSBC reduced false positives by 26% without drastically changing existing AML systems and processes.

Anti-Fraud – Quickly discover subtle, new fraud patterns and anomalies hidden within complex data and identify problem areas in existing fraud models to make targeted fixes.

A top global insurer improved fraud detection models by 8%.

A large payments processor – gained a 22% improvement overall in fraud detection.

Regulatory Risk Modeling – Ayasdi's Model Accelerator (AMA) develops better, more justifiable models, while providing full auditability of the model development process. Also, Ayasdi's Model Improvement Solution can diagnosis and improve pre-existing models with targeted fixes.

Citibank leveraged Ayasdi's Model Accelerator to custom build justifiable PPNR models to pass their CCAR examination.

Top 3 Nordic Bank diagnosed their Probability of Default models for mortgages, identified strong and weak fit areas, and adjusted their models with targeted fixes.

Visit <https://www.ayasdi.com/financial-services/> to learn more about our suite of solutions.

Recognition

Chartis RiskTech 100
Winner in Artificial Intelligence Category

PlanetCompliance
Top 3 for RegTech Top 100 Power List

CB Insights
Named to the CB Insights' Artificial Intelligence 100

World Economic Forum
Awarded Technology Pioneer membership

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