



# AI AGENTS IN FINANCIAL SERVICES: POWERED BY ALTAIR® RAPIDMINER®

In today's fast-paced financial world, institutions face so many challenges: regulatory compliance, fraud prevention, customer expectations, efficiency, cost management, and beyond. Fortunately, Altair® RapidMiner® empowers financial services and banking leaders to tackle their toughest challenges with game-changing AI agents. Our innovative AI fabric approach blends the power of AI with robust data management, enabling seamless transformation and growth.

## Why AI Agents for Financial Services?

AI agents are intelligent virtual collaborators that automate complex processes, provide real-time insights, and enhance decision-making. With [Altair RapidMiner](#), these agents can integrate across legacy systems and cutting-edge AI frameworks, providing unmatched scalability and flexibility.

## How AI Agents Can Help in Financial Services

### Fraud Detection and Prevention:

- **Problem:** Increasingly sophisticated fraud schemes threaten financial security.
- **AI Agent Solution:** Detect anomalies in transaction patterns, monitor fraud indicators in real time, and flag potentially fraudulent activities for review. Leverage Altair RapidMiner's knowledge graph capabilities to connect disparate data points for deeper insights.

### Customer Service and Support Experience Enhancement:

- **Problem:** Growing customer expectations for instant, personalized service.
- **AI Agent Solution:** Provide 24/7 customer support with AI-driven virtual assistants.
- Personalize product recommendations, assist with account queries, and reduce resolution times by automating common inquiries.

Contact us at:  
[altair.com/contact-us](https://altair.com/contact-us)

### Regulatory Compliance:

- **Problem:** Navigating complex, ever-changing regulatory requirements.
- **AI Agent Solution:** Monitor and analyze compliance requirements, audit data for adherence, and generate reports for regulators. Use natural language processing (NLP) to extract critical insights from regulations and align with Altair RapidMiner's automated document data extraction tools.

### Credit Risk Assessment:

- **Problem:** Balancing risk and opportunity in lending.
- **AI Agent Solution:** Automate credit scoring with real-time data analysis. Use AI agents to predict default probabilities, assess risk profiles, and streamline underwriting processes.

### Back-Office Automation:

- **Problem:** Inefficient manual processes increase costs.
- **AI Agent Solution:** Automate routine tasks such as invoice processing, payroll management, and reconciliation. Free staff to focus on higher-value activities, leveraging Altair's SAS language engine for seamless integration.

### Customer Onboarding:

- **Problem:** Adhering to regulatory requirements and managing risk entails time-consuming tasks that impact time to market and the customer experience.
- **AI Agent Solution:** AI agents can automate identity verification, account opening and Know Your Customer (KYC) requirements ensuring the bank captures new customer opportunities without increasing risk.

### Why Altair RapidMiner?

Altair RapidMiner empowers banking and financial services executives to meet the industry's most pressing challenges with innovative, scalable, secure AI solutions. Here's how we deliver unmatched value:

- **AI Fabric for Unified Intelligence:** Altair RapidMiner's AI fabric integrates secure, scalable data management with advanced AI capabilities, enabling financial institutions to streamline processes, harness generative AI, and drive intelligent decision-making.
- **SAS Code Compatibility:** Retain and modernize your existing SAS-based investments without disruption. Altair RapidMiner is one of only two platforms that natively supports SAS code execution, enabling seamless migration and advanced AI integration without starting from scratch.
- **Unstructured Document and Data Extraction:** Automate the extraction of critical insights locked in PDFs, business reports, and spreadsheets. RapidMiner simplifies workflows, reduces manual errors, and accelerates processes like compliance audits, loan application reviews, and customer onboarding.
- **Fraud Detection with Knowledge Graphs:** Our massively parallel processing (MPP) graph database connects fragmented data across systems, enabling comprehensive and scalable fraud detection, anomaly identification, and risk assessment.
- **Flexible Deployment for Security and Speed:** Whether you operate on-premises, in the cloud, or in hybrid environments, Altair RapidMiner offers deployment options tailored to your infrastructure, ensuring data security and regulatory compliance.
- **Governance and Control:** Enforce data access restrictions, regulate agent actions, trace their operations, and ensure reliable outputs with safeguards against hallucination.

### Ready to Lead the Future of Financial Services?

Leverage Altair RapidMiner to transform your banking operations, streamline compliance, and unlock the power of AI. Whether it's enhancing fraud prevention, automating back-office operations, or revolutionizing the customer experience, Altair RapidMiner's AI fabric approach delivers scalable, actionable solutions.

[Contact us today to schedule a demo](#) or learn more about how [Altair RapidMiner](#) can supercharge your operations at [altair.com/altair-rapidminer](https://altair.com/altair-rapidminer).

