



Real-Time Intelligence for AI and ML

The AI and ML Landscape Today

The rapid increase in data volume necessitates scalable AI and ML solutions to efficiently manage and optimize data flows, ensuring systems can handle large datasets without performance degradation. Technological innovations in AI continue to evolve, enabling more sophisticated analyses and smarter applications that enhance productivity and foster economic transformation across various industries. However, the growth of AI also demands a greater focus on developing a skilled workforce, ensuring regulatory compliance, and maintaining ethical standards to build trust and facilitate the responsible use of AI. These advancements are crucial for enabling real-time decision-making, providing industries with the insights needed to react instantly to dynamic conditions.

Addressing Key Challenges in AI and ML Implementations

Navigating Data Quality and Availability: Delivering high-quality, relevant, and timely data for real-time analytics amid challenges in data cleaning, integration, and consistency.

Meeting Latency Requirements: Guaranteeing that inference processes are fast enough to meet the critical real-time demands of diverse applications, such as image recognition and anomaly detection.

Integrating Diverse Data Sources: Overcoming the complexities of merging varied real-time data inputs to enable a holistic understanding of customer interactions.

Safeguarding PII in AI Pipelines: Mishandling PII in AI data pipelines can lead to privacy breaches and legal issues, requiring stringent data encryption, access controls, and compliance with data protection regulations to ensure confidentiality and security.

Real-Time Data for AI and ML

Striim is the backbone of real-time AI data pipelines, designed to process unbounded and evolving data streams at scale with unmatched efficiency and low latency for swift, intelligent decisions. By seamlessly integrating with both inline and external AI and ML models, Striim delivers real-time AI and ML capabilities that empower modern businesses with transformative outcomes.

Driving Real-Time Business Value with AI and ML



By automating processes and optimizing operations, businesses can reduce costs associated with manual labor, errors, and inefficiencies. Real-time insights also enable better resource allocation, leading to cost savings across the organization.



High-throughput inference applications allow businesses to apply trained models to incoming data in real-time, enabling them to derive actionable insights without delay. This rapid processing of data ensures that decisions can be made promptly, leading to faster responses to opportunities and threats.



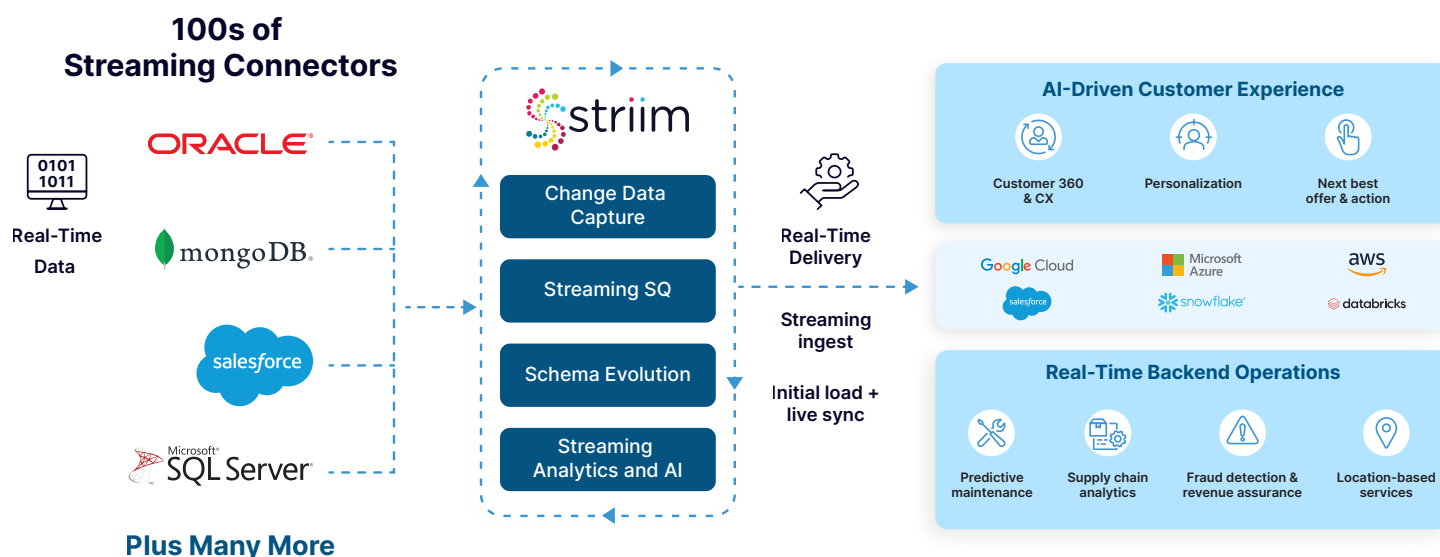
GenAI empowers businesses to deliver personalized interactions to their customers. By analyzing customer data in real time, companies can tailor their messaging, recommendations, and offerings to each individual, enhancing the overall customer experience and increasing engagement.

Trusted by Global Industry Leaders



Striim enables real-time Retrieval Augmented Generation (RAG) for Generative AI applications, creates instant vector embeddings in enterprise data pipelines, and distributes and stores real-time vectors to facilitate next-generation hybrid search. Its AI Insights feature enhances automated PII management for governance, lineage, and security, as well as data preprocessing for prompt engineering, ensures data accuracy, quality, and compliance. Additionally, Striim powers AI analytics over inflight data for precise anomaly detection and automated predictions, preventing costly disruptions and helping businesses maintain a competitive edge with AI.

Unified Data Streaming Powering Analytics & AI



Crafting Tailored Solutions for AI and ML

Advanced Real-Time ML Analytics

Integrate advanced analytics and ML frameworks, enabling your business to take decisive action on real-time insights with minimal latency. Our built-in continuous learning algorithms ensure that your models evolve dynamically, staying relevant in response to changing business and data needs.

High-Throughput Inference Applications

Apply trained models to incoming data in real time, driving actionable insights without delay. By utilizing advanced algorithms and parallel processing techniques, Striim enables high-throughput inference across diverse use cases, from image recognition to anomaly detection.

GenAI Customer Experiences

Leverage real-time data and GenAI to gain the agility and intelligence needed to understand and adapt to customer behaviors swiftly. Deliver immediate insights to personalize interactions, optimize operations, and drive engagement that exceeds expectations, creates meaningful connections, and fosters loyalty.

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