



## **Astera Introduces Agentic Data Integration Platform for Enterprise Data Systems**

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Astera has introduced Centerprise AI, a platform that enables data teams to build enterprise data systems using plain language descriptions instead of traditional coding and manual configuration. The platform employs AI agents to handle the engineering work of designing, testing, and deploying data warehouses, pipelines, and models across structured and unstructured data sources.

The platform represents a shift in how enterprises approach data infrastructure development. Rather than requiring teams of specialists to write code and manually configure systems, Centerprise AI allows data professionals to describe their requirements in natural language. The platform's AI agents then generate the necessary infrastructure while maintaining deterministic execution through approved metadata and schema.

According to Astera, this approach delivers up to nine times faster completion on warehouse builds, integration projects, and data migrations compared to traditional methods. The acceleration addresses a recognized challenge in enterprise AI adoption where data foundation preparation often becomes a bottleneck.

"The real challenge in enterprise AI has never been the models themselves, but the data foundation that supports them," said a representative from Astera. "By putting AI agents in charge of the engineering work while maintaining strict control over execution, we're enabling organizations to build robust data infrastructure at a fraction of the traditional time and complexity."

The platform operates on Model-Agnostic Data Platforms principles, allowing organizations to choose from multiple AI models rather than being locked into a single proprietary system. This flexibility extends across the entire data management lifecycle, from initial extraction through final analytics delivery.

Centerprise AI distinguishes itself from competitors by separating design from execution. While AI agents assist during pipeline design, suggesting mappings and generating transformation logic, the actual execution runs on defined schedules using approved metadata and schema. This architecture ensures predictable, auditable results in production environments where consistency is critical.

The platform encompasses multiple components including data warehousing, data modeling, integration, migration, transformation, and preparation capabilities. It supports over 200 built-in transformations and includes more than 100 native connectors for various data sources. Organizations can encode their metric definitions, KPI logic, domain terminology, and business rules as reusable Skills that the AI agents can reference during system design.

Agentic Data Integration represents a growing trend in enterprise technology where AI agents take on increasingly complex technical tasks while maintaining human oversight and control. For data teams, this means focusing on strategy and requirements rather than implementation details.

The introduction comes as the global large language model market reaches \$6.4 billion in 2024 with projections suggesting growth to \$85 billion within the next decade. This investment surge is driving rapid advancement in AI capabilities, creating opportunities for platforms that can effectively harness these models for enterprise applications.

Astera provides AI-powered data platform solutions for modern businesses, offering a complete data stack that consolidates extraction, integration, preparation, and visualization workflows into a single platform. The company serves enterprises seeking to simplify their data operations while maintaining the reliability and auditability required for production environments.

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## **Astera**

*Astera is an AI-powered data management company offering no-code, drag-and-drop solutions for data integration, extraction, warehousing, and API management, all in a single unified platform.*

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