

E-BOOK

AI-Ready Data for Enterprise Intelligence

Empowering Business-Ready AI
with Trusted Enterprise Data

alteryx

A modern glass skyscraper at night, illuminated by city lights. A vibrant, multi-colored data visualization, resembling a 3D grid or network of points, is overlaid on the building's facade, extending from the bottom left towards the top right. The colors transition from blue and purple on the left to yellow and orange on the right. The building's glass reflects the surrounding lights, and the overall scene is a blend of urban architecture and digital data.

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The Agentic AI Imperative

The next evolution of AI is already here: Agentic AI, autonomous systems that reason, plan, and execute complex business processes across multiple domains without human intervention. Unlike traditional AI that responds to prompts, agentic AI systems actively manage workflows, make decisions, and coordinate actions across enterprise systems.

Early adopters are already deploying agentic AI for customer service orchestration, supply chain optimization, and financial planning. These systems don't just analyze data, they act on it, triggering purchases, adjusting pricing, and managing customer relationships autonomously.

But agentic AI amplifies a critical enterprise challenge: **data readiness**.

The Enterprise AI Reality Check

Spreadsheets have been the go-to for data analysis for decades. But as data grows in volume and complexity – and the value of that data increasingly serves as a competitive differentiator – spreadsheet users say they are pushing rows and columns to the limit.

A recent Nucleus Research survey reveals that 50% of Excel users are considering migrating to more advanced tools.

If you want to spend more time solving problems and less time cleansing and blending, consider a new way of getting it all done with automated analytics.

In this e-book, you will learn the negative impact of relying on spreadsheets, how modern analytics can accelerate insights to help your organization and your career thrive, plus real-world examples of how automated solutions are delivering value for global organizations.

13.8

billion was invested globally in generative AI during 2024, yet only

>9%

of organizations successfully move AI projects from pilot to production.

The barrier isn't the technology; it's the data foundation beneath it.

The Agentic AI Data Challenge

Agentic AI systems require governed, contextualized, and continuously validated data that autonomous systems can trust to make business-critical decisions.



FRAGMENTED SYSTEMS

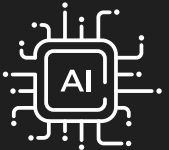
Customer data lives in CRM platforms, financial data in ERP systems, operational data in specialized applications, and critical information sits in spreadsheets — each using different formats and standards.



LOST CONTEXT

Raw data lacks the business logic, calculations, and metadata that make it meaningful for decision-making.

Poor data quality produces unreliable AI results — like the California dealership whose AI chatbot sold a \$76,000 truck for \$1 — eroding trust and limiting adoption. For agentic AI, these failures become existential business risks.



GOVERNANCE GAPS

Organizations lack clear data lineage tracking, approval processes, and compliance controls for AI consumption.



RESOURCE DRAIN

Organizations spend 60-80% of AI project timelines on data preparation. Data scientists become expensive data janitors instead of driving innovation.

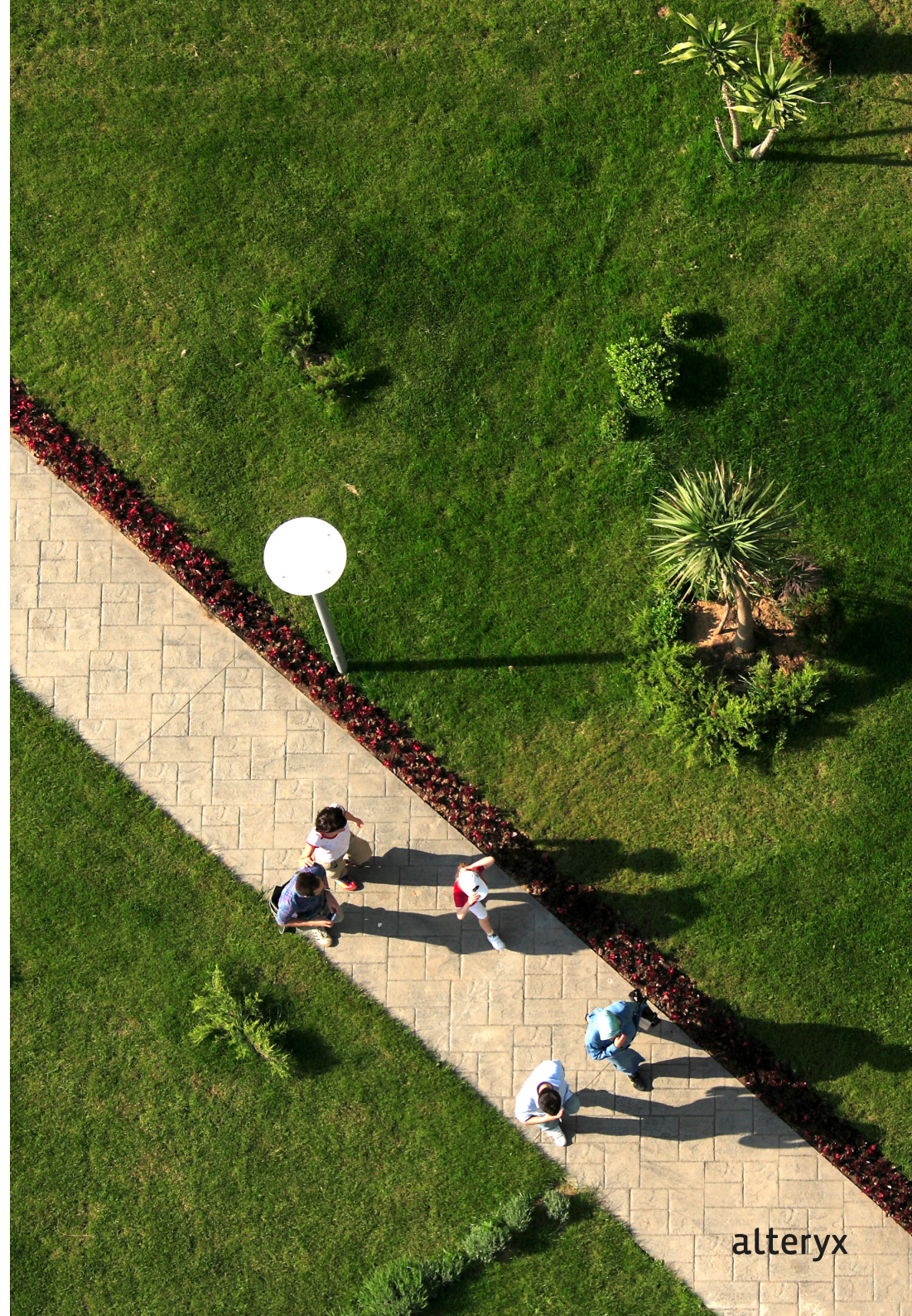
The Business Context Crisis

Most enterprise AI initiatives struggle because technical teams building solutions lack business context that only domain experts possess.

Meanwhile, business users who understand the data and problems best remain on the sidelines of AI development due to technical barriers.

When AI systems operate autonomously, this context gap becomes catastrophic. Consider a retail company whose marketing and customer success teams define "churn" differently. An agentic AI system might autonomously trigger thousands of inappropriate customer retention campaigns, damaging relationships and wasting resources, all without human oversight.

Success requires putting domain expertise at the center of AI development. Alteryx bridges this gap by enabling business users to directly participate in building the data foundations that agentic AI systems require.



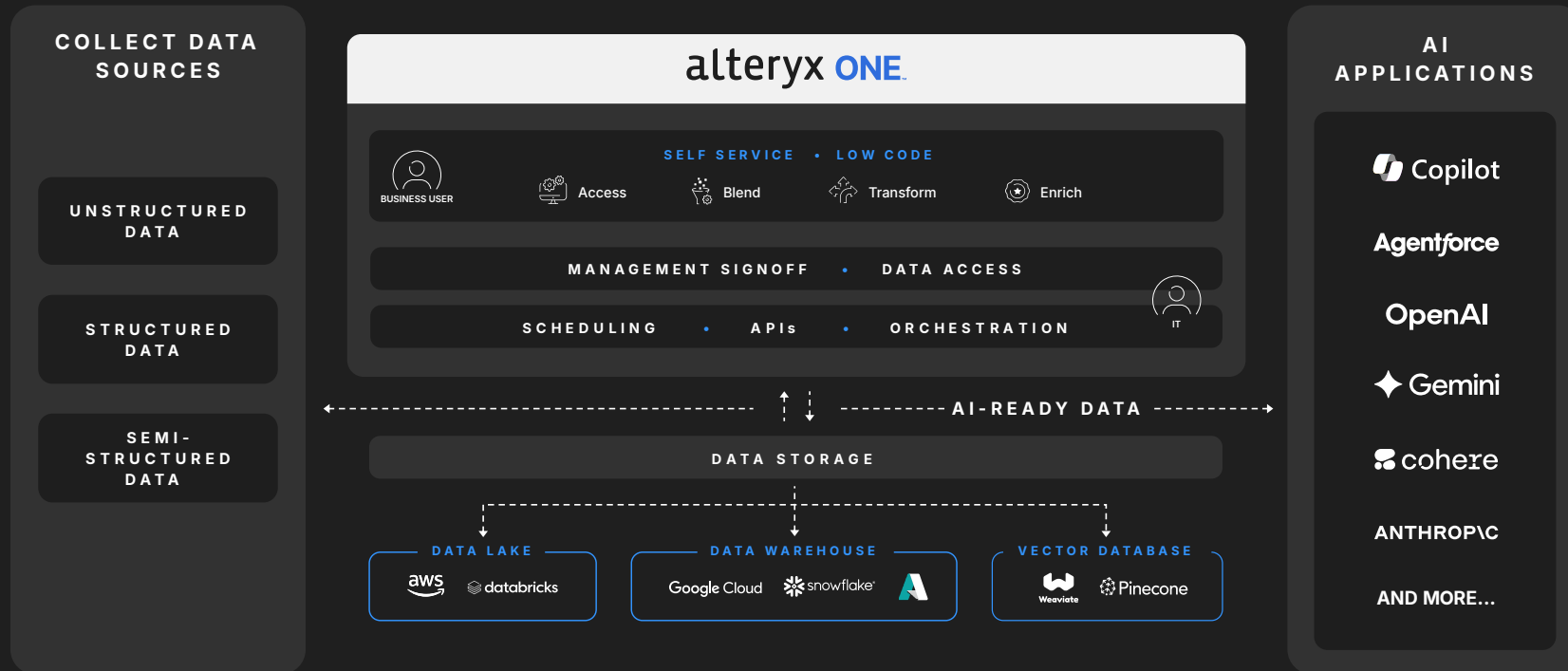
The Alteryx Advantage for AI-Ready Data

Alteryx transforms enterprise data into a trusted, governed, and business-contextualized layer that prepares AI-ready data and makes AI-enhanced and agentic analytics usable at enterprise scale.

Turn disparate enterprise data into governed, generative, and agentic-ready insights, fueling trusted, explainable, and auditable outcomes at scale.

	The Challenge	Alteryx Solutions	Agentic AI Enabler
Universal Connectivity + Business Context	Fortune 500 companies average 900+ applications with unique data formats. Agentic AI systems need seamless access to all relevant data sources to make informed autonomous decisions.	100+ pre-built connectors with extensive API frameworks eliminate integration bottlenecks. Business users define relationships between data sources that reflect actual business processes, not just technical connections.	AI agents access complete, contextual data across all enterprise systems through a single, governed interface.
No-Code Business Logic Implementation	Agentic AI systems must understand business rules, regulatory requirements, and organizational priorities—not just technical data processing.	Business users build complex transformations using visual interfaces that mirror business thinking. Built-in predictive analytics, spatial analysis, and text processing—all without coding.	AI systems make autonomous decisions based on encoded business knowledge rather than technical approximations.
Accelerated Development: Weeks, Not Months	Long process that includes gathering business requirements → technical interpretation → development → testing → revision cycles (6-18 months)	Direct business user workflow creation → Technical integration → Immediate validation (4-12 weeks)	Rapid iteration enables organizations to deploy and refine autonomous AI systems faster than competitors.
Enterprise Security and Governance	Agentic AI systems making autonomous decisions require transparent, auditable processes with multiple governance checkpoints.	<ul style="list-style-type: none"> • Visual Auditability: Every workflow step is visible and documentable for stakeholders and regulators • Data Lineage Integration: Native integration with Collibra, Atlan, and other governance platforms provides complete data provenance tracking • Role-based Access Controls: Granular permissions ensure only authorized systems and users can access sensitive data workflows • SDLC: Integration into workflow development and promotion processes to provide sign-off before data reaches AI systems 	Complete transparency and control give executives confidence to deploy autonomous AI systems at scale.

The Compound Business Impact



ORGANIZATIONS USING ALTERYX TO OPERATIONALIZE AI-READY DATA ACHIEVE MEASURABLE ADVANTAGES ACROSS FIVE DIMENSIONS.



Speed: Deploy agentic AI capabilities in 4-12 weeks instead of 6-18 months because data infrastructure, business logic, and governance frameworks operate continuously.



Scale: Achieve production deployment rates significantly above the industry 9% average because data quality, governance, and business context issues get resolved systematically.




Accuracy: Agentic AI systems demonstrate higher business relevance because they operate on business-contextualized intelligence, producing autonomous decisions that align with actual objectives.



Agility: Respond to market changes and competitive threats in weeks rather than quarters because AI data infrastructure adapts continuously.



Confidence: Deploy agentic AI systems with reduced regulatory risk because governance, compliance, and audit capabilities are embedded in the data infrastructure.



Discover Your Agentic AI Potential

Organizations building AI-ready data assets now create compounding advantages that become increasingly difficult for competitors to match.

Early adopters of agentic AI are already establishing competitive advantages that will be difficult to overcome. Organizations with superior agentic AI capabilities attract partners, customers, and talent, creating self-reinforcing advantages.

Alteryx transforms the conversation from “How do we protect our data from AI?” to “How do we prepare our data to power autonomous AI systems?” This shift creates the foundation for sustainable competitive advantage in an AI-native economy.

Ready to explore how Alteryx can accelerate your agentic AI readiness?

Contact us for a complimentary AI Use Case Ideation Session where we'll:

- Identify high-impact agentic AI opportunities specific to your industry
- Demonstrate how Alteryx can accelerate your path to autonomous AI deployment

[Contact us](#) today to schedule your AI Use Case Ideation Session and begin your journey to agentic AI leadership.

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