alteryx

5 Paths to Governed AI-Ready Data Success

Ensure data quality and governance for AI at scale

Trusted Data for AI

Without trusted, contextual data, AI falls short—Alteryx fixes that.

- **84% of companies** face AI data readiness challenges

- Companies with AI-ready data see **30% higher success** in business outcomes

- AI-ready data fuels **more use cases and lowers costs**

AI initiatives are booming, but many fail due to fragmented, messy, and ungoverned data. With over 75% of organizations identifying AI-ready data as a top priority, IT and analytics teams need more than just infrastructure — they need a centralized approach that unifies context, governance, and transformation. Without this, frontline teams remain disconnected from AI outcomes, and models lack the trustworthy data needed to deliver reliable, relevant insights.

Alteryx addresses this gap with the AI Clearinghouse — an enterprise-ready solution that transforms raw, siloed data into structured, explainable, and compliant intelligence ready for AI consumption. It enables seamless collaboration between IT and business users through low-code interfaces, orchestration, and audit-friendly workflows. From enrichment to API-ready outputs for LLMs, Alteryx empowers teams to contextualize and prepare data at scale for AI systems across industries.

Find out more today at www.alteryx.com

Common Challenges

1. Business users can't contextualize AI outputs without explainable and governed source data

2. LLMs hallucinate when trained on incomplete or poorly structured organizational data

3. Data governance gaps delay deployment and increase AI project risk and oversight burden

4. Fragmented data systems hinder fast experimentation and iterative AI use case delivery

5 Myths About AI-Ready Data

1. Structured data alone is enough to support reliable enterprise AI use cases

2. Once cleaned, data remains "AI-ready" without ongoing stewardship or validation

3. Business users can't help shape data workflows for machine learning or LLMs

4. AI governance is an IT-only concern, not a shared organizational responsibility

5. Traditional BI pipelines provide everything needed for today's GenAI systems

Automate AI Data Preparation Across Five Critical Layers of Access, Control, and Context

- **Unify Disparate Data Across Systems**
  AI-ready data requires ingestion from structured, unstructured, and semi-structured sources. Alteryx automates the collection and blending of data from ERPs, CRMs, databases, and SaaS tools — standardizing schema and formats to create a trusted data layer. Teams can spend less time fixing broken pipelines and more time enabling high-value AI outcomes.

- **Govern and Approve Data Collaboratively**
  Data can't become AI-ready without oversight. Alteryx offers embedded approval steps, role-based access, and traceable workflows. Governance stakeholders — including legal, compliance, and data stewards — can validate transformations and enrichments throughout the pipeline. This transparency ensures AI models use sanctioned inputs and satisfy audit requirements from day one.

- **Enrich with Context to Eliminate Hallucinations**
  Large language models perform poorly with generic or decontextualized inputs. Alteryx enables business users to append critical metadata, logic, and business-specific signals directly to datasets. This enriches AI models with relevant inputs, minimizing hallucinations and surfacing insights grounded in real-world business conditions.

- **Orchestrate AI-Ready Workflows at Scale**
  Data must be continuously updated and delivered into AI systems. With Alteryx, teams can orchestrate workflows via APIs, schedule jobs across environments, and automate end-to-end pipelines. Whether sending data to vector databases, document stores, or LLM interfaces, Alteryx ensures freshness, reliability, and repeatability across systems.

- **Support AI Models with Searchable, Explainable Data**
  To be auditable, AI inputs must be traceable. Alteryx outputs include metadata tagging, semantic structuring, and integration with vector databases that support retrieval-augmented generation (RAG). Teams can easily connect downstream models to explainable, governed, and semantically searchable data — empowering trustworthy and transparent AI interactions.

What You Will Need

- Access to structured and unstructured enterprise data, even if partially labeled or inconsistently formatted

- Basic understanding of internal AI initiatives and the data types each model or tool consumes

- Context from business units that can shape data enrichment logic for relevance and explainability

- Alignment on governance roles and approval workflows to validate outputs before feeding AI models

What Alteryx Provides

1. Automates the transformation of raw data into structured, governed intelligence for LLMs and agents

2. Empowers business users to enrich data contextually using visual, no-code tools alongside IT teams

3. Streamlines AI data workflows from ingestion to orchestration and integration with modern AI platforms

4. Enhances compliance with built-in approvals, audit trails, and version-controlled data workflows

5. Connects to any data source and delivers API-ready outputs to vector databases or GenAI apps

Alteryx platform system requirements

For a complete list of system requirements and supported data sources, visit
https://www.alteryx.com/products/alteryx-platform

"This solution helped us unify customer profiles across sources, apply governance, and power dynamic AI queries."

VP Enterprise Applications
Alteryx

About Alteryx

Alteryx is a leading AI and data analytics company that powers actionable insights to help organizations drive smarter, faster decisions with AI-ready data. More than 8,000 customers around the world rely on Alteryx to automate analytics, improve revenue performance, manage costs, and mitigate risk across their businesses.

Alteryx, Inc.

3347 Michelson Drive Suite 400

Irvine, CA 92612

+1 888 836 4274

www.alteryx.com

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