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Infographic

AI Agents in Action: Next-Gen Data Management Tactics

Artificial intelligence (AI) agents are making waves across industries, yet many enterprises lag in their adoption and application. While the benefits are substantial, getting them set up involves hurdles like data readiness, security, compliance and tool selection. Explore proven data management strategies to launch AI agent projects successfully.

Data Fuels Agentic AI Performance

The effectiveness of AI agents is significantly influenced by the quality and quantity of data. To improve functionality, deliver a constant flow of high-quality data that is:

- **Responsible**
- **Accurate**
- **Secure**
- **Relevant**
- **Robust**
- **Complete**

Essential Data-Driven Operations

Perception

AI agents collect data from various sources such as sensors, databases and application programming interfaces (APIs) to understand their environment.

Reasoning

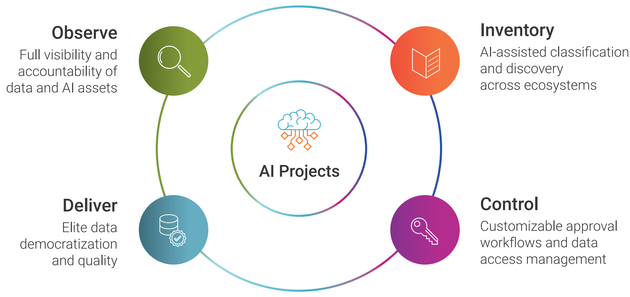
Large language models (LLMs) process data, identify patterns and apply logic to generate conclusions.

Learning

AI agents continuously learn and adapt from their actions, refining their decision-making process through feedback loops.

AI Governance Demystified

Strong AI governance is crucial for conducting AI initiatives responsibly across people, processes and technology. Strengthen your AI governance strategy with four key dimensions, powered by Informatica, to build confidence and drive results.



Empower AI agents with data that's a cut above the rest.

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Source: Informatica, Emerging Data Management Foundations for AI Agent Success, 2025

Where data & AI come to

LIFE

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