AI Agents:

65+ Use Cases Transforming Enterprises

Discover 65+ proven AI agent applications designed to help enterprise teams modernize outdated processes, improve accuracy, and accelerate critical business decisions.

From Adoption to Action: Turning AI Investment Into Real Use Cases

As of 2025, 99% of Fortune 500 companies have implemented AI in their operations. Furthermore, 60% of enterprises with over 10,000 employees have incorporated AI into their business processes. These figures underscore a decisive shift: artificial intelligence is becoming a core component of modern enterprise strategy rather than an optional experiment.

Yet despite this near-universal "adoption," many organizations face a common challenge: determining where and how to apply AI to generate actual business value. Too often, projects remain in pilot phases or confined to individual departments, preventing AI from reaching its full potential across the enterprise.

This whitepaper addresses the gap between abstract ambition to concrete application. Within these pages, you'll find 65+ practical use cases of AI agents across industries, each demonstrating how organizations are leveraging AI to solve specific operational challenges. From underwriting and compliance in insurance, to term sheets in private lending, to academic advising in higher education, these examples illustrate how enterprises can unlock scale, resilience, and long-term value from their AI investments.

Built on StackAI, the Secure Enterprise AI Platform

All of the use cases featured in this paper were developed on StackAI, the secure, enterprise-grade AI platform designed for regulated industries. With role-based access controls, on-premise options, and native integrations into tools like Snowflake, Salesforce, and ServiceNow, StackAI ensures that organizations can safely scale AI agents across underwriting, claims, compliance, customer support, and more—without sacrificing governance or security.

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