

# **U.S. AI Agents Market Size, Share & Trends Analysis Report By Technology (Machine Learning, Natural Language Processing), By Agent System, By Type, By Application, By End Use, And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

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### **Market Size & Trends**

The U.S. AI agents market size was estimated at USD 1,603.0 million in 2024 and is projected to grow at a CAGR of 43.3% from 2025 to 2030. AI agents are increasingly being integrated with cloud platforms. This trend shows the need for scalable and flexible deployment options. Cloud infrastructure enables efficient management of agents across various environments. It also allows seamless integration with enterprise systems and data sources. Continuous updates and maintenance are more easily handled through cloud-based delivery. For instance, in May 2025, IBM Corporation and Amazon Web Services, Inc., a U.S.-based cloud computing company are deepening their collaboration to deliver agentic AI capabilities through integrations such as Amazon Q index with IBM Watson Orchestrate, enabling personalized, enterprise-grade AI solutions. IBM Corporation is also expanding its Granite 3.2 models, governance tools, and automation software across AWS Marketplace to support scalable, trustworthy AI.

AI agent marketplaces are becoming a prominent trend in the evolving AI sector. These platforms provide tools for users to create agents suited to specific functions. They allow for high levels of customization based on industry or task requirements. Users can distribute their agents to others through a shared marketplace. This approach encourages collaboration and the reuse of effective solutions. It also drives faster

adoption by simplifying development and deployment processes. For instance, in January 2025, Hippocratic AI, a healthcare technology company, launched its innovative Healthcare AI Agent App Store, enabling clinicians to create customized AI agents for patient care in under 30 minutes. This platform empowers healthcare professionals to address operational challenges while sharing in the revenue generated by their agents. With rigorous safety testing and direct clinician involvement, Hippocratic AI aims to enhance patient outcomes through collaborative AI development.

AI agents are increasingly integrated with Internet of Things (IoT) devices, bringing a new level of automation to various industries. This integration allows AI agents to manage tasks such as adjusting temperatures, monitoring inventory, and controlling equipment. In retail, for example, AI agents work with IoT devices to track stock levels and automatically reorder popular products. In smart homes, they can adjust heating and lighting based on user preferences or external weather conditions. These AI-powered systems not only automate routine tasks but also improve operational efficiency by responding in real-time to changing conditions. As more IoT devices are deployed, the potential for AI agents to optimize workflows grows, making businesses more agile.

## U.S. AI Agents Market Report Segmentation

This report offers revenue growth forecasts at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the U.S. AI agents market report based on technology, agent system, type, application and end use:

### Technology Outlook (Revenue, USD Million, 2018 - 2030)

Machine Learning

Natural Language Processing (NLP)

Deep Learning

Computer Vision

Others

### Agent System (Revenue, USD Million, 2018 - 2030)

Single Agent Systems

Multi Agent Systems

Type Outlook (Revenue, USD Million, 2018 - 2030)

Ready-to-Deploy Agents

Build-Your-Own Agents

Application (Revenue, USD Million, 2018 - 2030)

Customer Service and Virtual Assistants

Robotics and Automation

Healthcare

Financial Services

Security and Surveillance

Gaming and Entertainment

Marketing and sales

Human Resources

Legal and compliance

Others

End Use (Revenue, USD Million, 2018 - 2030)

Consumer

Enterprise

Industrial

### **Companies Mentioned**

Amazon.com, Inc.

Cognigy

Google LLC

IBM Corporation

Amelia US LLC

LivePerson

Microsoft

NVIDIA Corporation

Nuance Communications

Salesforce, Inc.

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