

Global AI Agents Market Size Study, by Technology (Machine Learning, NLP, Deep Learning), Agent System (Single-Agent, Multi-Agent), Type (Ready-to-Deploy, Build-Your-Own), Application (Customer Service, Healthcare, Gaming), End Use, and Regional Forecasts 2024-2032

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Abstracts

The global AI Agents market was valued at USD 3.52 billion in 2023 and is projected to grow at a robust CAGR of 44.8% from 2024 to 2032, reaching USD 98.51 billion by 2032. Key drivers include increasing demand for automation, advancements in Natural Language Processing (NLP), and rising customer expectations for personalized experiences. AI agents are transforming industries by automating complex processes, improving customer engagement, and providing real-time insights.

Machine learning dominates the market by technology due to its ability to process large data volumes and provide actionable insights. Meanwhile, the multi-agent systems segment is expected to exhibit the highest CAGR, driven by its applications in complex problem-solving and enhanced collaboration. Industries like healthcare and e-commerce are rapidly adopting AI agents for personalized customer service, efficient diagnostics, and operational optimization.

North America leads the market, owing to robust technological infrastructure and adoption by major players like Google, Microsoft, and IBM. However, Asia Pacific is anticipated to grow at the fastest CAGR, driven by digital transformation initiatives and increasing adoption of AI technologies in countries like China, India, and Japan.

Major market players included in this report are:

Alibaba Group Holding Limited

Amazon Web Services, Inc.

Google

IBM Corporation

Microsoft

Meta

Salesforce, Inc.

NVIDIA Corporation

Baidu

Apple Inc.

The detailed segments and sub-segments of the market are explained below:

By Technology:

Machine Learning

Natural Language Processing (NLP)

Deep Learning

Computer Vision

Others

By Agent System:

Single-Agent Systems

Multi-Agent Systems

By Type:

Ready-to-Deploy Agents

Build-Your-Own Agents

By Application:

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

By End Use:

Consumer

Enterprise

Industrial

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Asia Pacific

China

India

Japan

Australia

South Korea

Latin America

Brazil

Middle East & Africa

UAE

South Africa

KSA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2024 to 2030.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Demand-side and supply-side analysis of the market.

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