

# **AI in Healthcare Market Size, Trends, Analysis, and Outlook By Component (Software Solutions, Hardware, Services), By Application (Robot-Assisted Surgery, Virtual Assistants, Administrative Workflow Assistants, Connected Machines, Diagnosis, Clinical Trials, Fraud Detection, Cybersecurity, Dosage Error Reduction), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global AI in Healthcare market size is poised to register 41.52% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global AI in Healthcare market across By Component (Software Solutions, Hardware, Services), By Application (Robot-Assisted Surgery, Virtual Assistants, Administrative Workflow Assistants, Connected Machines, Diagnosis, Clinical Trials, Fraud Detection, Cybersecurity, Dosage Error Reduction).

The AI in healthcare market is witnessing rapid growth driven by the increasing adoption of AI-driven solutions for medical imaging, clinical decision support, and healthcare management, rising demand for personalized medicine, and advancements in machine learning algorithms. In 2024 and beyond, factors such as the growing integration of AI with electronic health records and wearable devices, expansion of AI-powered diagnostic tools and virtual assistants, and rising investment in healthcare AI startups drive market expansion. Additionally, the development of AI models for predictive analytics and precision medicine, integration of natural language processing for medical documentation, and partnerships between technology firms and healthcare institutions contribute to market growth.

## AI in Healthcare Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The AI in Healthcare market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of AI in Healthcare survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the AI in Healthcare industry.

## Key market trends defining the global AI in Healthcare demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## AI in Healthcare Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The AI in Healthcare industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support AI in Healthcare companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the AI in Healthcare industry

Leading AI in Healthcare companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 AI in Healthcare companies.

## AI in Healthcare Market Study- Strategic Analysis Review

The AI in Healthcare market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## AI in Healthcare Market Size Outlook- Historic and Forecast Revenue in Three Cases

The AI in Healthcare industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## AI in Healthcare Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America AI in Healthcare Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in

2024), potentially driving demand for various AI in Healthcare market segments. Similarly, Strong end-user demand is encouraging Canadian AI in Healthcare companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico AI in Healthcare market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe AI in Healthcare Market Size Outlook-**Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European AI in Healthcare industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European AI in Healthcare market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific AI in Healthcare Market Size Outlook-** an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for AI in Healthcare in Asia Pacific. In particular, China, India, and South East Asian AI in Healthcare markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America AI in Healthcare Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued

urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa AI in Healthcare Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East AI in Healthcare market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for AI in Healthcare.

### AI in Healthcare Market Company Profiles

The global AI in Healthcare market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Ada Health GmbH, Alphabet Inc, Amazon.com Inc, Atomwise Inc, BenchSci Analytics Inc, CarePredict Inc, Catalia Health, Cyclica, Deep Genomics Inc, Entelai, Exscientia PLC, General Electric Co., Intel Corp, International Business Machines Corp, Koninklijke Philips NV, MaxQ AI, Medtronic Plc, Microsoft Corp, NVIDIA Corp, Siemens Healthineers AG

### Recent AI in Healthcare Market Developments

The global AI in Healthcare market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### AI in Healthcare Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Component

Software Solutions

Hardware

Services

By Application

Robot-Assisted Surgery

Virtual Assistants

Administrative Workflow Assistants

Connected Machines

Diagnosis

Clinical Trials

Fraud Detection

Cybersecurity

Dosage Error Reduction

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Ada Health GmbH

Alphabet Inc

Amazon.com Inc

Atomwise Inc

BenchSci Analytics Inc

CarePredict Inc

Catalia Health

Cyclica

Deep Genomics Inc

Entelai

Exscientia PLC

General Electric Co.

Intel Corp

International Business Machines Corp

Koninklijke Philips NV

MaxQ AI

Medtronic Plc

Microsoft Corp

NVIDIA Corp

Siemens Healthineers AG

Formats Available: Excel, PDF, and PPT

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    - Services

By Application

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Virtual Assistants

Administrative Workflow Assistants

Connected Machines

Diagnosis

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Alphabet Inc

Amazon.com Inc

Atomwise Inc

BenchSci Analytics Inc

CarePredict Inc

Catalia Health

Cyclica

Deep Genomics Inc

Entelai

Exscientia PLC

General Electric Co.

Intel Corp

International Business Machines Corp

Koninklijke Philips NV

MaxQ AI

Medtronic Plc

Microsoft Corp

NVIDIA Corp

Siemens Healthineers AG

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