

# **AI-in Cardiology Market Size, Trends, Analysis, and Outlook By Component (Hardware, Software Solutions, Services), By Application (Cardiac Arrhythmias, Stroke, Ischemic Heart Disease /CAD, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global AI-in Cardiology market size is poised to register 30.5% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global AI-in Cardiology market across By Component (Hardware, Software Solutions, Services), By Application (Cardiac Arrhythmias, Stroke, Ischemic Heart Disease /CAD, Others).

The AI-in cardiology market is experiencing significant growth, driven by increasing prevalence of cardiovascular diseases, rising demand for personalized medicine, and advancements in artificial intelligence (AI) and machine learning technologies. AI-based cardiology solutions leverage advanced algorithms, predictive analytics, and big data processing to analyze cardiac imaging, electrophysiological data, and electronic health records (EHRs) for early detection, risk stratification, and treatment optimization in patients with heart disease. With a focus on preventive cardiology, precision medicine, and remote monitoring, cardiologists, cardiac imaging specialists, and healthcare providers are adopting AI-driven diagnostic tools and decision support systems to enhance cardiovascular risk assessment, diagnosis, and management in clinical practice. Moreover, advancements in medical imaging, wearable sensors, and cloud computing are driving market expansion, offering new opportunities to develop AI-enabled cardiac imaging techniques, predictive models, and digital health platforms for personalized patient care and population health management. Additionally,

collaborations between AI technology developers, cardiology societies, and healthcare institutions are driving innovation in cardiology AI, fostering the development of interoperable solutions, clinical decision support tools, and evidence-based guidelines to address unmet needs and challenges in cardiovascular disease management.

## AI-in Cardiology 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 Cardiology market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of AI-in Cardiology 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 Cardiology industry.

## Key market trends defining the global AI-in Cardiology 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 Cardiology Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The AI-in Cardiology 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 Cardiology 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 Cardiology industry

Leading AI-in Cardiology 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 Cardiology companies.

### AI-in Cardiology Market Study- Strategic Analysis Review

The AI-in Cardiology 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 Cardiology Market Size Outlook- Historic and Forecast Revenue in Three Cases

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

Europe AI-in Cardiology 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 Cardiology 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 Cardiology 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 Cardiology 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 Cardiology in Asia Pacific. In particular, China, India, and South East Asian AI-in Cardiology 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 Cardiology 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 Cardiology 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 Cardiology market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for AI-in Cardiology.

AI-in Cardiology Market Company Profiles

The global AI-in Cardiology 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 IDOVEN, Arterys Inc, CardiAI, Cardiologs, Cleerly Inc, DiA Imaging Analysis, RSIP Vision, Ultrasight, Ultromics Ltd, Vista AI, Viz ai

Recent AI-in Cardiology Market Developments

The global AI-in Cardiology 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 Cardiology 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

Hardware

Software Solutions

Services

By Application

Cardiac Arrhythmias

Stroke

Ischemic Heart Disease /CAD

Others

## Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

IDOVEN

Arterys Inc

CardiAI

Cardiologs

Cleerly Inc

DiA Imaging Analysis

RSIP Vision

Ultrasight

Ultromics Ltd

Vista AI

Viz ai

Formats Available: Excel, PDF, and PPT

*AI-in Cardiology Market Size, Trends, Analysis, and Outlook By Component (Hardware, Software Solutions, Servic...*

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By Application

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Stroke

Ischemic Heart Disease /CAD

Others

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IDOVEN

Arterys Inc

CardiAI

Cardiologs

Cleerly Inc

DiA Imaging Analysis

RSIP Vision

Ultrasight

Ultromics Ltd

Vista AI

Viz ai

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