

# **AI In Ultrasound Imaging Market Size, Trends, Analysis, and Outlook By Technology (Machine Learning, Computer Vision, Natural Language Processing, Context-Aware Computing), By Application (Radiology, Obstetrics, Gynecology, Cardiovascular, Gastroenterology), By End-User (Hospitals, Pharmaceutical and Biotechnology Companies, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global AI In Ultrasound Imaging market size is poised to register 12.3% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global AI In Ultrasound Imaging market across By Technology (Machine Learning, Computer Vision, Natural Language Processing, Context-Aware Computing), By Application (Radiology, Obstetrics, Gynecology, Cardiovascular, Gastroenterology), By End-User (Hospitals, Pharmaceutical and Biotechnology Companies, Others)

With the increasing demand for accurate and efficient diagnostic imaging tools, there is a rising interest in artificial intelligence (AI) technologies that enhance the quality and interpretation of ultrasound images for various medical applications. Market growth is driven by factors such as expanding adoption of ultrasound imaging across medical specialties, the growing need for automated image analysis and interpretation in clinical practice, and technological advancements in machine learning algorithms and deep learning networks. Additionally, the expanding applications of AI in ultrasound-based diagnosis of cardiovascular diseases, obstetrics, and musculoskeletal disorders, as well

as the growing integration of AI into ultrasound systems for real-time image enhancement and artifact reduction, contribute to market expansion. Further, the development of AI-driven ultrasound software for automated measurements and anomaly detection, the integration of AI into handheld and portable ultrasound devices, and the emphasis on user-friendly interfaces and seamless workflow integration are expected to further accelerate market growth in the coming years.

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

## Key market trends defining the global AI In Ultrasound Imaging 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 Ultrasound Imaging Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The AI In Ultrasound Imaging 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 Ultrasound Imaging 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 Ultrasound Imaging industry

Leading AI In Ultrasound Imaging 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 Ultrasound Imaging companies.

### AI In Ultrasound Imaging Market Study- Strategic Analysis Review

The AI In Ultrasound Imaging 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 Ultrasound Imaging Market Size Outlook- Historic and Forecast Revenue in Three Cases

The AI In Ultrasound Imaging 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 2032 in three case scenarios- low case, reference case, and high case scenarios.

### AI In Ultrasound Imaging Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

**North America AI In Ultrasound Imaging 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 healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various AI In Ultrasound Imaging market segments. Similarly, Strong market demand is encouraging Canadian AI In Ultrasound Imaging companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico AI In Ultrasound Imaging market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe AI In Ultrasound Imaging 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 Ultrasound Imaging 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 vendors in identifying and leveraging new growth prospects positions the European AI In Ultrasound Imaging 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 Ultrasound Imaging 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 Ultrasound Imaging in Asia Pacific. In particular, China, India, and South East Asian AI In Ultrasound Imaging markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

Latin America AI In Ultrasound Imaging 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 Ultrasound Imaging 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 Ultrasound Imaging market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for AI In Ultrasound Imaging.

### AI In Ultrasound Imaging Market Company Profiles

The global AI In Ultrasound Imaging 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 Butterfly Network Inc, Caption Health Inc, DESKi Medical, DiA Imaging Analysis Ltd, EchoNous Inc, Exo Imaging Inc, GE Healthcare, Koninklijke Philips N.V., Qure.ai Technologies Pvt. Ltd, Samsung Electronics Co. Ltd, Siemens Healthineers AG, Ultrasound AI Inc.

### Recent AI In Ultrasound Imaging Market Developments

The global AI In Ultrasound Imaging 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 Ultrasound Imaging Market Report Scope

*AI In Ultrasound Imaging Market Size, Trends, Analysis, and Outlook By Technology (Machine Learning, Computer...*

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (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 Technology

Machine Learning

Computer Vision

Natural Language Processing

Context-Aware Computing

By Application

Radiology

Obstetrics

Gynecology

Cardiovascular

Gastroenterology

By End-User

Hospitals

Pharmaceutical and Biotechnology Companies

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Butterfly Network Inc

Caption Health Inc

DESKi Medical

DiA Imaging Analysis Ltd

EchoNous Inc

Exo Imaging Inc

GE Healthcare

Koninklijke Philips N.V.

Qure.ai Technologies Pvt. Ltd

Samsung Electronics Co. Ltd

Siemens Healthineers AG

Ultrasound AI Inc

Formats Available: Excel, PDF, and PPT



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    - Computer Vision

Natural Language Processing

Context-Aware Computing

By Application

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Obstetrics

Gynecology

Cardiovascular

Gastroenterology

By End-User

Hospitals

Pharmaceutical and Biotechnology Companies

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