

AI in Medical Imaging Market is Expected to Generate \$29.8 Billion by 2032: AMR

The increase in product approvals and more funding received from AI companies presents significant opportunities for the AI in medical imaging market.

PORTLAND, PORTLAND, OR, UNITED STATE, August 22, 2024

/EINPresswire.com/ -- According to the report, the global AI in medical imaging industry generated \$1.9 billion in 2022, and is anticipated to generate \$29.8 billion by 2032, witnessing a CAGR of 32.1% from 2023 to 2032.



AI in the medical imaging industry has the potential to significantly aid healthcare professionals and organizations. AI-powered technologies assist radiologists in detecting subtle abnormalities and patterns, reducing the risk of errors and enhancing diagnostic accuracy. Moreover, these tools expedite processes, allowing radiologists to concentrate on complex cases requiring human expertise. However, as AI continues to advance in the medical imaging sector, issues like data privacy, regulatory compliance, and interoperability remain crucial considerations. Striking the right balance between harnessing AI's potential and adhering to ethical and regulatory standards will be pivotal in realizing the market's full potential.

Request Sample Report at: <https://www.alliedmarketresearch.com/request-sample/A12693>

The most prominent factors that drive [AI in medical imaging market](#) growth are increase in use of AI in radiology, and increasing demand for AI-powered CT. However, the rise in costs of AI in medical imaging hampers the market growth to some extent. Nevertheless, the high amounts of funding from AI companies and gain in product approvals is anticipated to provide lucrative opportunities for the AI in medical imaging market growth during the forecast period.

Covid-19 Scenario

1. The Covid-19 pandemic served as a spur for improvements in the market for AI in medical

imaging. It promoted partnerships between AI developers, medical researchers, and healthcare organizations, speeding up research and development activities.

2. The market for AI in medical imaging was significantly impacted by the COVID-19 epidemic. The crisis accelerated the use of artificial intelligence (AI) in medical imaging processes and sparked innovation, paving the path for better and more efficient healthcare solutions in the post-pandemic period.

For Report Customization: <https://www.alliedmarketresearch.com/request-for-customization/A12693>

By modality, the CT scan segment garnered the major share in 2022 accounting for more than one-third of the global AI in medical imaging market and is estimated to rule the roost throughout the forecast timeframe. A common medical imaging method called a CT (Computed Tomography) scan uses X-rays and computer processing to produce cross-sectional pictures of the body. Whereas, electromagnetic radiation is employed by X-rays, a common medical imaging technique, to show inside structures. They support the diagnosis of fractures, lung ailments, dental issues, and other disorders. On the other hand, the X-rays segment is projected to manifest the highest CAGR of 36.5% from 2023 to 2032, especially the combination of X-rays with AI in medical imaging is a potent and revolutionary way to increase diagnostic precision, quicken interpretation, and improve patient care.

Based on technology, the deep learning segment generated major share in 2022 accounting for nearly half of the global AI in medical imaging market revenue and is projected to retain its dominance during the forecast period. Deep learning in AI has had an immense effect on the medical imaging sector owing to its ability to improve the precision of diagnostics, automate image processing, and assist the early diagnosis of disease. In the context of the medical imaging industry, "computer vision" refers to the use of sophisticated image processing and analysis methods supported by AI. However, the computer vision segment is projected to manifest the highest CAGR of 36.9% from 2023 to 2032, as these AI-driven solutions improve image interpretation's effectiveness and precision, allowing healthcare workers to take more informed decisions and identify problems early.

Based on application, the breast imaging segment garnered the major share in 2022 accounting for nearly one-third of the global AI in medical imaging market revenue. Breast imaging applications in AI within the medical imaging market encompass a range of technologies and techniques that utilize artificial intelligence to assist in the analysis, interpretation, and management of breast-related medical images. On the other hand, artificial intelligence (AI) technologies are utilized in the medical imaging industry's orthopedic application to evaluate and comprehend medical images associated with musculoskeletal problems. The orthopedics segment is projected to manifest the highest CAGR of 35% from 2023 to 2032, as artificial intelligence aids in the precise diagnosis and planning of treatments for problems such as spinal diseases.

Buy Now & Get Exclusive Report at: <https://www.alliedmarketresearch.com/ai-in-medical-imaging-market/purchase-options>

North America to maintain its dominance throughout the forecast period

Based on region, North America held the highest market share in terms of revenue in 2022, accounting for nearly two-fifths of the global AI in medical imaging market revenue and is expected to maintain its dominant status throughout the forecast timeframe. This is because the region is in the mature stage of adopting the technology. However, the Asia-Pacific region is expected to witness the fastest CAGR of 34.6% from 2023 to 2032, owing to advancing technology and increasing healthcare needs.

Leading Market Players: -

Siemens (Germany)
NVIDIA Corporation (U.S.)
IBM Corporation (U.S.)
GE Healthcare (U.S.)
Koninklijke Philips N.V. (The Netherlands)
Aidoc (Israel)
Butterfly Network, Inc. (U.S.)
Zebra Technologies Corp. (U.S.)
Arterys Inc. (U.S.)
ICAD Inc. (U.S.)

The report provides a detailed analysis of these key players of the global AI in medical imaging market. These players have adopted different strategies such as new product launches, collaborations, expansions, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

Inquiry Before Buying: <https://www.alliedmarketresearch.com/purchase-enquiry/A12693>

About Us:

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients in making strategic business decisions and achieving sustainable growth in their respective market domains.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

Contact:

David Correa

5933 NE Wi

Toll-Free: 1-800-792-5285

UK: +44-845-528-1300n Sivers Drive

#205, Portland, OR 97220

United States

Hong Kong: +852-301-84916

India (Pune): +91-20-66346060

Fax: +1-855-550-5975

help@alliedmarketresearch.com

Web: <https://www.alliedmarketresearch.com>

Follow Us on: LinkedIn Twitter

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/737405563>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.