

# **Global AI In Medical Imaging Market Size study & Forecast, by Technology (Deep Learning Natural Language Processing (NLP), Others), by Modality (CT scan, MRI, X-rays, Ultrasound, Nuclear Imaging), by Application (Neurology, Respiratory and Pulmonary, Cardiology, Breast Screening, Orthopedics, Others), by End-User (Hospitals, Diagnostic Imaging Centers, Others), and Regional Analysis, 2022-2029**

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## **Abstracts**

Global AI In Medical Imaging Market is valued at approximately USD 562.2 million in 2021 and is anticipated to grow with a healthy growth rate of more than 34.7% over the forecast period 2022-2029. AI In Medical Imaging is refers as a diagnostic procedure that uses use of Artificial Intelligence (AI) technology to enhance medical screenings, improve precision medicine, and assess patient risk factors. This technology helps in creating visual aids and images that illustrate the human body and includes monitoring the performance and functioning of the organs of the human body. The growing imaging volumes, increasing government initiatives to drive AI-based technologies, and rise in incidence of chronic diseases are prominent factors that are bolstering the market demand across the globe.

The rising adoption of Artificial intelligence (AI) in healthcare industry is exhibiting a positive influence on the growth of the market. According to the Statista analysis, in 2021, the global market for Artificial intelligence (AI) in healthcare was estimated to be worth around USD 11.06 billion. In addition, it is projected that the market grows and reached USD 38.66 billion by 2025 and USD 187.95 by 2030. Consequentially, the rapid integration of AI in the healthcare industry is acting as a catalyzing factor for the

growth of the global market. Furthermore, the growing R&D investment, as well as introduction of technologically advancement products are presenting various growth prospects to the market over the foreseen years. However, the high cost and reluctance of adoption of these systems and limited interoperability for AI solutions stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global AI In Medical Imaging Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the availability of technologically advanced infrastructure, along with rise in cross-industry collaborations and partnerships. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as increasing government programs, rising number of startups using artificial intelligence (AI), as well as the growing digitalization in healthcare businesses in the regional market.

Major market players included in this report are:

Siemens Healthineers AG  
General Electric Company  
Koninklijke Philips N.V.  
IBM Corporation  
Agfa-Gevaert Group/Agfa Health Care  
Arterys  
AZmed  
Caption Health  
Gleamer  
Butterfly Network Inc.

Recent Developments in the Market:

In July 2022, Philips SmartSpeed AI-based software its 510(k) received an approval from the FDA. The software offer ground-breaking high-speed and high-resolution MR imaging, which enables quicker and higher-quality scans for almost all patients with a variety of illnesses, including those with implants (97% of clinical protocols).

Global AI In Medical Imaging Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Modality, Application, End-User, Region  
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World  
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Deep Learning

Natural Language Processing (NLP)

Others

By Modality:

CT Scan

MRI

X-rays

Ultrasound

Nuclear Imaging

By Application:

Neurology

Respiratory and Pulmonary

Cardiology

Breast Screening

Orthopedics

Others

By End-User:

Hospitals

Diagnostic Imaging Centers

Others

By Region:

North America

U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
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