

Artificial Intelligence in Medical Devices Market - 2025-2033

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Abstracts

The Artificial Intelligence in Medical Devices Market was valued at US\$ 12.03 billion in 2025 and is anticipated to reach US\$ 45.45 billion by 2033, at a CAGR of 0.1833 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Artificial Intelligence in Medical Devices Market.

This report delivers a comprehensive overview of the Artificial Intelligence in Medical Devices Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Artificial Intelligence in Medical Devices Market. The Artificial Intelligence in Medical Devices Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

Artificial Intelligence in Medical Devices Market Scope:

By Product Type

Hardware

Software

Services

By Technology

Machine Learning

Deep Learning

Natural Language Processing (NLP)

Computer Vision

Others

By Application

Radiology

Cardiology

Hematology

Oncology

Orthopedic Imaging

Others

By End-User

Hospitals and Healthcare Providers

Pharmaceuticals and Biotechnology Companies

Healthcare Payers

Others

Key Players

GE HealthCare.

Siemens Healthineers AG

Koninklijke Philips N.V.

Medtronic

Abbott

Boston Scientific Corporation

Intuitive Surgical Operations, Inc.

Stryker

Johnson & Johnson

F. Hoffmann-La Roche Ltds

Major Highlights

This report delivers a comprehensive overview of the Artificial Intelligence in Medical Devices Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Artificial Intelligence in Medical Devices Market. The Artificial Intelligence in Medical Devices Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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