

Artificial Intelligence (AI) in Healthcare Market – Global Drivers, Opportunities, Trends, and Forecasts to 2022

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Abstracts

Artificial Intelligence (AI) in Healthcare Market – Global Drivers, Opportunities, Trends, and Forecasts to 2022

Artificial Intelligence (AI) refers to the creation of intelligent systems that are able to perform tasks without human interventions and instructions. It is the constellation of different technologies such as natural language processing, machine learning, perception, and reasoning. AI is being adopted in healthcare using algorithm and software for the analysis of medical data with a view to predict diseases and provide proper medication. It will lead to personalization and optimization resulting in improved outcomes for both patients and healthcare systems.

The need for pre-operative planning, high costs associated with healthcare, and rising chronic diseases amongst masses are driving the integration of AI in healthcare solutions. A basic AI computer used today in clinical practices can be used for alerts & reminder, diagnostic, therapy planning, information retrieval, and image interpretation. However, glitches in communication and technical infrastructure are amongst the major barriers to the growth of AI in healthcare. This market has huge growth opportunities due to rising needs of self-care and real-time monitoring.

The market has been segmented based on technology, end-users, applications, and regions. The technology market is further segmented into speech recognition, biometrics, natural language processing, machine learning, and disaster recovery. Based on end-users, the market encapsulates diagnostic centers, hospitals and clinics, R&D, and healthcare institutes. AI finds wide application in precision medicine, real-time monitoring, drug development, and personal health assistants. At present, North

America is leading in AI in healthcare market followed by Europe. Asia Pacific has high growth potential accompanied by huge investment in the market, especially in India and China.

According to Infoholic Research, the “Artificial Intelligence in Healthcare” market will witness a CAGR of 62.2% during the forecast period 2016–2022. The key vendors leveraging solutions for healthcare include IBM, Microsoft, Google, Apple, Amazon, and Medtronic Inc. The increasing adoption of technology is driving various start-ups to enter the market including Sentrian, Buoy Health, Weltok, and Aysadi along with medical institutions such as The Mayo Clinic, Memorial Sloan Kettering Cancer Center, and National Health Service.

The study covers and analyzes the “Artificial Intelligence in Healthcare” market. Bringing out the complete key insights of the industry, the report aims to provide an opportunity for players to understand the latest trends, current market scenario, government initiatives, and technologies related to the market. In addition, it helps the venture capitalist in understanding the companies better and take informed decisions.

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