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Healthcare Artificial Intelligence Market Size, Share, and Analysis, By Offering (Software, Hardware, Services), By Technology (Machine Learning [ML], Natural Language Processing [NLP], Context Aware Processing, Querying Method), By Application (Hospital Workflow Management, Patient Data and Risk Analytics, Medical Imaging and Diagnosis, Drug Discovery, Precision Medicine, Patient Management, Others), By End User (Hospitals and Diagnostic Centers, Pharmaceutical and Biopharmaceutical Companies, Healthcare Payers, Patients, Others) and Regional Forecasts, 2022-2032

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Abstracts

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PRODUCT OVERVIEW

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Healthcare Artificial Intelligence Market size was USD 11.8 billion in 2021 and projected t%li%grow from USD 21.7 billion in 2023 t%li%USD 450.0 billion by 2032, exhibiting a CAGR of 40.0% during the forecast period.

Healthcare AI, in medical context, is the use of machine learning algorithms and most other cognitive technologies. AI specifically refers t%li%the ability of computers and other technologies t%li%replicate human intellect and think, take decisions, and learn or other activities. Combining patient insights can produce predicted benefits due t%li%AI's ability t%li%handle massive data sets, which can assist the healthcare ecosystem in identifying the most important patient care areas that need t%li%be improved.

MARKET HIGHLIGHTS

The Healthcare Artificial Intelligence Market is expected t%li%reach USD 450.0 billion, growing at a CAGR of 40.0% during the forecast period owing t%li%the growing complexity of datasets and the abundance of healthcare data, which demands AI’s use in healthcare. The demand for spontaneous healthcare services is als%li%supported by a drop in hardware costs and improvements in computer power, the rise in cross-industry cooperations, and a growing difference between the health workforce and the patient population.

Healthcare Artificial Intelligence Market Segments:

Offering

Software

Hardware

Services

Technology

Machine Learning (ML)

Natural Language Processing (NLP)

Context Aware Processing

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Querying Method

Application

Hospital Workflow Management

Patient Data and Risk Analytics

Medical Imaging and Diagnosis

Drug Discovery

Precision Medicine

Patient Management

Others

End User

Hospitals and Diagnostic Centers

Pharmaceutical and Biopharmaceutical Companies

Healthcare Payers

Patients

Others

MARKET DYNAMICS

Growth Drivers

Shortage of Healthcare Laborers is Expected t%li%Boost the Market Growth

Multiple AI Benefits and Growing Investments in the Domain are Expected t%li%Boost

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the Market Growth

Restraint

Growing Data Privacy Issues May Restrain the Market Growth

Key Players

- Microsoft
- General Electric Company
- Amazon Web Services
- Intel Corporation
- Medtronic
- Koninklijke Philips N.V.
- Siemens Healthineers
- Micron Technology
- NVIDIA Corporation
- Nuance Communications Inc.
- IBM Corporation
- Verint Systems Inc.
- Virgin Pulse Inc.
- iCarbonX
- Oncora Medical

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Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAG.R – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons t%li%Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected t%li%witness the fastest growth as well as t%li%dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

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Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect t%li%recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter’s five forces analysis

Provides insight int%li%the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years t%li%come

3-month post-sales analyst support.

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