

# **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**

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

## **PRODUCT OVERVIEW**

Healthcare Artificial Intelligence Market size was USD 11.8 billion in 2021 and projected to grow from USD 21.7 billion in 2023 to 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 to the ability of computers and other technologies to replicate human intellect and think, take decisions, and learn or other activities. Combining patient insights can produce predicted benefits due to AI's ability to handle massive data sets, which can assist the healthcare ecosystem in identifying the most important patient care areas that need to be improved.

## MARKET HIGHLIGHTS

The Healthcare Artificial Intelligence Market is expected to reach USD 450.0 billion, growing at a CAGR of 40.0% during the forecast period owing to 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 also 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

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 to Boost the Market Growth

Multiple AI Benefits and Growing Investments in the Domain are Expected to Boost

*Healthcare Artificial Intelligence Market Size, Share, and Analysis, By Offering (Software, Hardware, Services...*

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

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, CAGR – 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 to 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 to witness the fastest growth as well as to 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

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 to 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 into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

## Contents

### **1. EXECUTIVE SUMMARY**

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Healthcare Artificial Intelligence Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

### **2. RESEARCH METHODOLOGY**

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
  - 2.5.1. Paid Sources
  - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

### **3. MARKET CHARACTERISTICS**

- 3.1. Market Definition
- 3.2. Healthcare Artificial Intelligence Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

### **4. HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET – INDUSTRY INSIGHTS**

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecosystem Channel analysis
- 4.4. Innovation & Sustainability

### **5. MACROECONOMIC INDICATORS**

## **6. RECENT DEVELOPMENTS**

## **7. MARKET DYNAMICS**

- 7.1. Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4. Market Restraints
- 7.5. Market Trends

## **8. MARKET ANALYSIS**

- 8.1. Porters Five Forces
- 8.2. PEST Analysis
  - 8.2.1. Political
  - 8.2.2. Economic
  - 8.2.3. Social
  - 8.2.4. Technological

## **9. HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET**

- 9.1. Overview
- 9.2. Historical Analysis (2016-2021)
  - 9.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

## **10. HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET SIZE & FORECAST 2022A-2032F**

- 10.1. Overview
- 10.2. Key Findings
- 10.3. Market Segmentation
  - 10.3.1. By Offering
    - 10.3.1.1. Software
      - 10.3.1.1.1. By Value (USD Million) 2022-2032F
      - 10.3.1.1.2. Market Share (%) 2022-2032F
      - 10.3.1.1.3. Y-o-Y Growth (%) 2022-2032F
    - 10.3.1.2. Hardware
      - 10.3.1.2.1. By Value (USD Million) 2022-2032F



- 10.3.1.2.2. Market Share (%) 2022-2032F
- 10.3.1.2.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.1.3. Services
  - 10.3.1.3.1. By Value (USD Million) 2022-2032F
  - 10.3.1.3.2. Market Share (%) 2022-2032F
  - 10.3.1.3.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.2. By Technology
  - 10.3.2.1. Machine Learning (ML)
    - 10.3.2.1.1. By Value (USD Million) 2022-2032F
    - 10.3.2.1.2. Market Share (%) 2022-2032F
    - 10.3.2.1.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.2.2. Natural Language Processing (NLP)
    - 10.3.2.2.1. By Value (USD Million) 2022-2032F
    - 10.3.2.2.2. Market Share (%) 2022-2032F
    - 10.3.2.2.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.2.3. Context Aware Processing
    - 10.3.2.3.1. By Value (USD Million) 2022-2032F
    - 10.3.2.3.2. Market Share (%) 2022-2032F
    - 10.3.2.3.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.2.4. Querying Method
    - 10.3.2.4.1. By Value (USD Million) 2022-2032F
    - 10.3.2.4.2. Market Share (%) 2022-2032F
    - 10.3.2.4.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.3. By Application
  - 10.3.3.1. Hospital Workflow Management
    - 10.3.3.1.1. By Value (USD Million) 2022-2032F
    - 10.3.3.1.2. Market Share (%) 2022-2032F
    - 10.3.3.1.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.3.2. Patient Data and Risk Analytics
    - 10.3.3.2.1. By Value (USD Million) 2022-2032F
    - 10.3.3.2.2. Market Share (%) 2022-2032F
    - 10.3.3.2.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.3.3. Medical Imaging and Diagnosis
    - 10.3.3.3.1. By Value (USD Million) 2022-2032F
    - 10.3.3.3.2. Market Share (%) 2022-2032F
    - 10.3.3.3.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.3.4. Drug Discovery
    - 10.3.3.4.1. By Value (USD Million) 2022-2032F
    - 10.3.3.4.2. Market Share (%) 2022-2032F

- 10.3.3.4.3.Y-o-Y Growth (%) 2022-2032F
- 10.3.3.5.Precision Medicine
  - 10.3.3.5.1. By Value (USD Million) 2022-2032F
  - 10.3.3.5.2.Market Share (%) 2022-2032F
  - 10.3.3.5.3.Y-o-Y Growth (%) 2022-2032F
- 10.3.3.6.Patient Management
  - 10.3.3.6.1. By Value (USD Million) 2022-2032F
  - 10.3.3.6.2.Market Share (%) 2022-2032F
  - 10.3.3.6.3.Y-o-Y Growth (%) 2022-2032F
- 10.3.3.7.Others
  - 10.3.3.7.1. By Value (USD Million) 2022-2032F
  - 10.3.3.7.2.Market Share (%) 2022-2032F
  - 10.3.3.7.3.Y-o-Y Growth (%) 2022-2032F
- 10.3.4. By End User
  - 10.3.4.1.Hospitals and Diagnostic Centers
    - 10.3.4.1.1.By Value (USD Million) 2022-2032F
    - 10.3.4.1.2. Market Share (%) 2022-2032F
    - 10.3.4.1.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.4.2.Pharmaceutical and Biopharmaceutical Companies
    - 10.3.4.2.1. By Value (USD Million) 2022-2032F
    - 10.3.4.2.2.Market Share (%) 2022-2032F
    - 10.3.4.2.3.Y-o-Y Growth (%) 2022-2032F
  - 10.3.4.3.Healthcare Payers
    - 10.3.4.3.1. By Value (USD Million) 2022-2032F
    - 10.3.4.3.2.Market Share (%) 2022-2032F
    - 10.3.4.3.3.Y-o-Y Growth (%) 2022-2032F
  - 10.3.4.4. Patients
    - 10.3.4.4.1. By Value (USD Million) 2022-2032F
    - 10.3.4.4.2.Market Share (%) 2022-2032F
    - 10.3.4.4.3.Y-o-Y Growth (%) 2022-2032F
  - 10.3.4.5.Others
    - 10.3.4.5.1. By Value (USD Million) 2022-2032F
    - 10.3.4.5.2.Market Share (%) 2022-2032F
    - 10.3.4.5.3.Y-o-Y Growth (%) 2022-2032F

## **11. NORTH AMERICA HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET SIZE & FORECAST 2022A-2032F**

### 11.1. Overview

- 11.2.Key Findings
- 11.3.Market Segmentation
  - 11.3.1. By Offering
  - 11.3.2. By Technology
  - 11.3.3.By Application
  - 11.3.4.By End User
- 11.4. Country
  - 11.4.1.United States
  - 11.4.2. Canada

## **12. EUROPE HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET SIZE & FORECAST 2022A-2032F**

- 12.1.Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
  - 12.3.1. By Offering
  - 12.3.2.By Technology
  - 12.3.3.By Application
  - 12.3.4. By End User
- 12.4. Country
  - 12.4.1. Germany
  - 12.4.2.United Kingdom
  - 12.4.3.France
  - 12.4.4.Italy
  - 12.4.5.Spain
  - 12.4.6.Russia
  - 12.4.7.Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

## **13. ASIA HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET SIZE & FORECAST 2022A-2032F**

- 13.1.Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
  - 13.3.1.By Offering
  - 13.3.2.By Technology
  - 13.3.3.By Application
  - 13.3.4. By End User

#### 13.4. Country

13.4.1. India

13.4.2. China

13.4.3. South Korea

13.4.4. Japan

13.4.5. Rest of APAC

### **14. MIDDLE EAST AND AFRICA HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET SIZE & FORECAST 2022A-2032F**

#### 14.1. Overview

#### 14.2. Key Findings

#### 14.3. Market Segmentation

14.3.1. By Offering

14.3.2. By Technology

14.3.3. By Application

14.3.4. By End User

#### 14.4. Country

14.4.1. Israel

14.4.2. GCC

14.4.3. North Africa

14.4.4. South Africa

14.4.5. Rest of Middle East and Africa

### **15. LATIN AMERICA HEALTHCARE ARTIFICIAL INTELLIGENCE MARKET SIZE & FORECAST 2022A-2032F**

#### 15.1. Overview

#### 15.2. Key Findings

#### 15.3. Market Segmentation

15.3.1. By Offering

15.3.2. By Technology

15.3.3. By Application

15.3.4. By End User

#### 15.4. Country

15.4.1. Mexico

15.4.2. Brazil

15.4.3. Rest of Latin America

## **16. COMPETITIVE LANDSCAPE**

- 16.1. Company market share, 2021
- 16.2. Key player overview
- 16.3. Key stakeholders

## **17. COMPANY PROFILES**

- 17.1. Microsoft
  - 17.1.1. Company Overview
  - 17.1.2. Financial Overview
  - 17.1.3. Key Product; Analysis
  - 17.1.4. Company Assessment
    - 17.1.4.1. Product Portfolio
    - 17.1.4.2. Key Clients
    - 17.1.4.3. Market Share
    - 17.1.4.4. Recent News & Development (Last 3 Yrs.)
    - 17.1.4.5. Executive Team
- 17.2. General Electric Company
- 17.3. Amazon Web Services
- 17.4. Intel Corporation
- 17.5. Medtronic
- 17.6. Koninklijke Philips N.V.
- 17.7. Siemens Healthineers
- 17.8. Micron Technology
- 17.9. NVIDIA Corporation
- 17.10. Nuance Communications Inc.
- 17.11. IBM Corporation
- 17.12. Verint Systems Inc.
- 17.13. Virgin Pulse Inc.
- 17.14. iCarbonX
- 17.15. Oncora Medical
- 17.16. Other Prominent Players

## **18. APPENDIX**

## **19. CONSULTANT RECOMMENDATION**

## I would like to order

Product name: 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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