

## **India Artificial Intelligence (AI) In Healthcare Market Forecast 2024-2032**

Market Report | 2024-03-13 | 147 pages | Inkwood Research

### **AVAILABLE LICENSES:**

- Single User Price \$1100.00
- Global Site License \$1500.00

### **Report description:**

#### **KEY FINDINGS**

The India artificial intelligence (AI) in healthcare market is expected to grow at a CAGR of 37.86% during the forecast period 2024-2032. Several factors promote the market growth, such as large volumes of healthcare data supporting the adoption of AI, a growing number of AI and machine learning start-ups, the emergence of personalized medicine in tests for clinical decision-making, and AI creating a real-time monitoring system.

#### **MARKET INSIGHTS**

In the India artificial intelligence (AI) in healthcare market, healthcare providers play a central role as major users of AI technologies. The adoption of AI tools signifies a radical advancement in healthcare practices, using technology for improved diagnostics and personalized treatment planning. AI becomes an integral part of the decision-making process for healthcare professionals, optimizing patient care and outcomes. The extensive adoption of AI by providers underlines the market's dedication to integrating inventive solutions for advancing medical practices.

Concurrently, there is a discernible surge in the demand for AI applications in drug discovery, highlighting the recognition of AI's potential to revolutionize pharmaceutical research. The integration of AI accelerates drug discovery processes by quickly identifying potential candidates, optimizing molecular structures, and predicting efficacy. The growing demand for AI in drug discovery reflects a strategic market focus on efficient and targeted advancements in pharmaceutical innovation.

Further, the convergence of healthcare providers relying on AI and the increasing demand for AI in drug discovery marks a comprehensive innovation in the India artificial intelligence (AI) in healthcare market. Beyond refining clinical practices, this collaboration has the potential to propel significant advancements in pharmaceutical research and development. With AI's dual role in healthcare provision and drug discovery, it emerges as a pivotal driver of progress within the ever-evolving domain of the Indian healthcare system.

#### **COMPETITIVE INSIGHTS**

Some of the major companies in the India artificial intelligence (AI) in healthcare market include NVIDIA Corporation, Google, IBM Corporation, Intel Corporation, Microsoft Corporation, etc.

Our report offerings include:

- Explore key findings of the overall market
- Strategic breakdown of market dynamics (Drivers, Restraints, Opportunities, Challenges)
- Market forecasts for a minimum of 9 years, along with 3 years of historical data for all segments, sub-segments, and regions

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Market Segmentation caters to a thorough assessment of key segments with their market estimations
- Geographical Analysis: Assessments of the mentioned regions and country-level segments with their market share
- Key analytics: Porter's Five Forces Analysis, Vendor Landscape, Opportunity Matrix, Key Buying Criteria, etc.
- The competitive landscape is the theoretical explanation of the key companies based on factors, market share, etc.
- Company profiling: A detailed company overview, product/services offered, SCOT analysis, and recent strategic developments

## **Table of Contents:**

### TABLE OF CONTENTS

#### 1. RESEARCH SCOPE & METHODOLOGY

##### 1.1. STUDY OBJECTIVES□

##### 1.2. METHODOLOGY□

##### 1.3. ASSUMPTIONS & LIMITATIONS□

#### 2. EXECUTIVE SUMMARY□

##### 2.1. MARKET SIZE & ESTIMATES□

##### 2.2. COUNTRY SNAPSHOT

##### 2.3. COUNTRY ANALYSIS

##### 2.4. SCOPE OF STUDY□

##### 2.5. CRISIS SCENARIO ANALYSIS□

##### 2.6. MAJOR MARKET FINDINGS□

##### 2.6.1. SOFTWARE OFFERING IS LEADING THE ARTIFICIAL INTELLIGENCE (AI) IN HEALTHCARE MARKET, DRIVING INNOVATION AND EFFICIENCY

##### 2.6.2. NATURAL LANGUAGE PROCESSING DOMINATING ARTIFICIAL INTELLIGENCE (AI) IN HEALTHCARE TECHNOLOGY

##### 2.6.3. HEALTHCARE PROVIDERS ARE THE MAJOR USERS OF ARTIFICIAL INTELLIGENCE (AI) IN HEALTHCARE

##### 2.6.4. DOSAGE ERROR REDUCTION IS THE FASTEST-GROWING APPLICATION

#### 3. MARKET DYNAMICS□

##### 3.1. KEY DRIVERS□

##### 3.1.1. LARGE VOLUMES OF HEALTHCARE DATA SUPPORTING THE ADOPTION OF AI

##### 3.1.2. GROWING NUMBER OF AI AND MACHINE LEARNING START-UPS

##### 3.1.3. EMERGENCE OF PERSONALIZED MEDICINE IN TESTS FOR CLINICAL DECISION-MAKING

##### 3.1.4. AI CREATING A REAL-TIME MONITORING SYSTEM

##### 3.2. KEY RESTRAINTS□

##### 3.2.1. CHALLENGES IN MAINTAINING DATA SECURITY

##### 3.2.2. COST CONSTRAINTS AND LOW RETURN ON INVESTMENT (ROI)

#### 4. KEY ANALYTICS□

##### 4.1. KEY MARKET TRENDS□

##### 4.1.1. WIDENING APPLICATIONS OF AI IN THE HEALTHCARE INDUSTRY

##### 4.1.2. INCREASING DEMAND FOR AI IN DRUG DISCOVERY

##### 4.1.3. HIGH EMPHASIS ON THE DEVELOPMENT OF PRECISION MEDICINE AND PERSONALIZED DRUGS

##### 4.1.4. INCREASING USE OF AI IN GENETICS

##### 4.1.5. AI CREATING A REAL-TIME MONITORING SYSTEM

##### 4.2. PESTLE ANALYSIS

##### 4.2.1. POLITICAL

##### 4.2.2. ECONOMICAL

##### 4.2.3. SOCIAL

##### 4.2.4. TECHNOLOGICAL

##### 4.2.5. LEGAL

##### 4.2.6. ENVIRONMENTAL □

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.3. PORTER'S FIVE FORCES ANALYSIS
  - 4.3.1. BUYERS POWER
  - 4.3.2. SUPPLIERS POWER
  - 4.3.3. SUBSTITUTION
  - 4.3.4. NEW ENTRANTS
  - 4.3.5. INDUSTRY RIVALRY
- 4.4. VALUE CHAIN ANALYSIS
  - 4.4.1. DATA WAREHOUSE
  - 4.4.2. ARTIFICIAL INTELLIGENCE (AI) ANALYSIS
  - 4.4.3. SOFTWARE DEVELOPMENT
- 4.5. KEY BUYING CRITERIA
  - 4.5.1. APPLICATION
  - 4.5.2. TECHNOLOGY
  - 4.5.3. INTEGRATION WITH EXISTING INFRASTRUCTURE
- 5. MARKET BY OFFERING
  - 5.1. SOFTWARE
    - 5.1.1. MARKET FORECAST FIGURE
    - 5.1.2. SEGMENT ANALYSIS
  - 5.2. SERVICES
    - 5.2.1. MARKET FORECAST FIGURE
    - 5.2.2. SEGMENT ANALYSIS
  - 5.3. HARDWARE
    - 5.3.1. MARKET FORECAST FIGURE
    - 5.3.2. SEGMENT ANALYSIS
- 6. MARKET BY TECHNOLOGY
  - 6.1. NATURAL LANGUAGE PROCESSING
    - 6.1.1. MARKET FORECAST FIGURE
    - 6.1.2. SEGMENT ANALYSIS
  - 6.2. QUERYING METHOD
    - 6.2.1. MARKET FORECAST FIGURE
    - 6.2.2. SEGMENT ANALYSIS
  - 6.3. CONTEXT AWARE PROCESSING
    - 6.3.1. MARKET FORECAST FIGURE
    - 6.3.2. SEGMENT ANALYSIS
  - 6.4. DEEP LEARNING
    - 6.4.1. MARKET FORECAST FIGURE
    - 6.4.2. SEGMENT ANALYSIS
- 7. MARKET BY END-USER
  - 7.1. HEALTHCARE PROVIDERS
    - 7.1.1. MARKET FORECAST FIGURE
    - 7.1.2. SEGMENT ANALYSIS
  - 7.2. PHARMACEUTICAL AND BIOTECHNOLOGY COMPANIES
    - 7.2.1. MARKET FORECAST FIGURE
    - 7.2.2. SEGMENT ANALYSIS
  - 7.3. PAYERS
    - 7.3.1. MARKET FORECAST FIGURE
    - 7.3.2. SEGMENT ANALYSIS

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 7.4. ACOS AND MCOS
  - 7.4.1. MARKET FORECAST FIGURE
  - 7.4.2. SEGMENT ANALYSIS
- 7.5. PATIENTS
  - 7.5.1. MARKET FORECAST FIGURE
  - 7.5.2. SEGMENT ANALYSIS
- 8. MARKET BY APPLICATION
  - 8.1. ROBOT-ASSISTED SURGERY
    - 8.1.1. MARKET FORECAST FIGURE
    - 8.1.2. SEGMENT ANALYSIS
  - 8.2. VIRTUAL NURSING ASSISTANT
    - 8.2.1. MARKET FORECAST FIGURE
    - 8.2.2. SEGMENT ANALYSIS
  - 8.3. ADMINISTRATIVE WORKFLOW ASSISTANCE
    - 8.3.1. MARKET FORECAST FIGURE
    - 8.3.2. SEGMENT ANALYSIS
  - 8.4. FRAUD DETECTION
    - 8.4.1. MARKET FORECAST FIGURE
    - 8.4.2. SEGMENT ANALYSIS
  - 8.5. DOSAGE ERROR REDUCTION
    - 8.5.1. MARKET FORECAST FIGURE
    - 8.5.2. SEGMENT ANALYSIS
  - 8.6. CLINICAL TRIAL PARTICIPANT IDENTIFIER
    - 8.6.1. MARKET FORECAST FIGURE
    - 8.6.2. SEGMENT ANALYSIS
  - 8.7. PRELIMINARY DIAGNOSIS
    - 8.7.1. MARKET FORECAST FIGURE
    - 8.7.2. SEGMENT ANALYSIS
  - 8.8. OTHER APPLICATIONS
    - 8.8.1. MARKET FORECAST FIGURE
    - 8.8.2. SEGMENT ANALYSIS
- 9. COMPETITIVE LANDSCAPE
  - 9.1. KEY STRATEGIC DEVELOPMENTS
    - 9.1.1. MERGERS & ACQUISITIONS
    - 9.1.2. PRODUCT LAUNCHES & DEVELOPMENTS
    - 9.1.3. PARTNERSHIPS & AGREEMENTS
  - 9.2. COMPANY PROFILES
    - 9.2.1. GE HEALTHCARE
      - 9.2.1.1. COMPANY OVERVIEW
      - 9.2.1.2. PRODUCT LIST
      - 9.2.1.3. STRENGTHS & CHALLENGES
    - 9.2.2. GOOGLE
      - 9.2.2.1. COMPANY OVERVIEW
      - 9.2.2.2. PRODUCT LIST
      - 9.2.2.3. STRENGTHS & CHALLENGES
    - 9.2.3. IBM CORPORATION
      - 9.2.3.1. COMPANY OVERVIEW

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 9.2.3.2. PRODUCT LIST
- 9.2.3.3. STRENGTHS & CHALLENGES
- 9.2.4. INTEL CORPORATION
  - 9.2.4.1. COMPANY OVERVIEW
  - 9.2.4.2. PRODUCT LIST
  - 9.2.4.3. STRENGTHS & CHALLENGES
- 9.2.5. MEDTRONIC PLC
  - 9.2.5.1. COMPANY OVERVIEW
  - 9.2.5.2. PRODUCT LIST
  - 9.2.5.3. STRENGTHS & CHALLENGES
- 9.2.6. MICROSOFT CORPORATION
  - 9.2.6.1. COMPANY OVERVIEW
  - 9.2.6.2. PRODUCT LIST
  - 9.2.6.3. STRENGTHS & CHALLENGES
- 9.2.7. NVIDIA CORPORATION
  - 9.2.7.1. COMPANY OVERVIEW
  - 9.2.7.2. PRODUCT LIST
  - 9.2.7.3. STRENGTHS & CHALLENGES
- 9.2.8. STRYKER CORPORATION
  - 9.2.8.1. COMPANY OVERVIEW
  - 9.2.8.2. PRODUCT LIST
  - 9.2.8.3. STRENGTHS & CHALLENGES
- 9.2.9. SIEMENS HEALTHINEERS
  - 9.2.9.1. COMPANY OVERVIEW
  - 9.2.9.2. PRODUCT LIST
  - 9.2.9.3. STRENGTHS & CHALLENGES

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## India Artificial Intelligence (Ai) In Healthcare Market Forecast 2024-2032

Market Report | 2024-03-13 | 147 pages | Inkwood Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to [support@scotts-international.com](mailto:support@scotts-international.com)

### ORDER FORM:

Select license	License	Price
	Single User Price	\$1100.00
	Global Site License	\$1500.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact [support@scotts-international.com](mailto:support@scotts-international.com) or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-24"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)