

# Artificial Intelligence in the Global Cancer Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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The future of artificial intelligence in the cancer market looks promising with opportunities in the diagnosis, therapy, prognosis, health management, research applications. The opportunities for artificial intelligence in the global cancer market are expected to grow with a CAGR of XX% from 2020 to 2025. The major drivers for this market are increasing prevalence of cancer and rising research and development activities related to its treatment.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the artificial intelligence in the global cancer market report, please download the report brochure.

In this market, surgery & chemotherapy is the largest therapy of artificial intelligence in cancer. Growth in various segments of the artificial intelligence in cancer market are given below:

The study includes trends and forecast for the global artificial intelligence in cancer market by AI tool, therapy, algorithm type, and application, and region as follows:

By AI Tool [Value (\$ Million) shipment analysis for 2014 – 2025]:

Machine Learning

Natural Language Processing

Image Processing

Speech Recognition

By Therapy [Value (\$ Million) shipment analysis for 2014 – 2025]:

Surgery & Chemotherapy

Radiotherapy

Immunotherapy

Alteration of Tumor Microenvironment

Phototherapy

Theranostics

Gene Therapy

Hyperthermia Therapy

Sonodynamic Therapy

By Algorithm Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Artificial Neural Networks

Deep Learning

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Diagnosis

Therapy

Prognosis

Health Management

Research

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the artificial intelligence in cancer companies profiled in this report include IBM, Digital Reasoning, Intel, Microsoft, Cancer Center.ai, Nvidia, Niramai Health Analytix, Johnson & Johnson, GE Healthcare, and Varian Medical Systems.

Lucintel forecasts that the surgery and chemotherapy will remain the largest therapy segment over the forecast period due to increasing prevalence of cancer and growing healthcare insurance & its reimbursement.

North America will remain the largest region over the forecast period due to increasing research and development activities related to cancer treatment and presence of developed healthcare infrastructure.

### Features of the Artificial Intelligence in the Global Cancer Market

**Market Size Estimates:** Global artificial intelligence in cancer market size estimation in terms of value (\$M) shipment.

**Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments.

**Segmentation Analysis:** Artificial intelligence in the global cancer market size by various segments, such as AI tool, therapy, algorithm type, and application in terms of value.

**Regional Analysis:** Artificial intelligence in the global cancer market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different AI tool, therapy, algorithm type, and application, and region for the artificial intelligence in the global cancer market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the artificial intelligence in the global cancer market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following key questions

- Q.1 What are some of the most promising potential, high-growth opportunities for the global artificial intelligence in cancer market by AI tool (machine learning, natural language processing, image processing, and speech recognition), therapy (surgery & chemotherapy, radiotherapy, immunotherapy, alteration of tumor microenvironment, phototherapy, theranostics, gene therapy, hyperthermia therapy, and sonodynamic therapy), algorithm type (artificial neural networks and deep learning), application (diagnosis, therapy, prognosis, health management, and research), and region (North America, Europe, Asia Pacific, and Rest of the World)?
- Q.2 Which segments will grow at a faster pace and why?
- Q.3 Which region will grow at a faster pace and why?
- Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global artificial intelligence in cancer market?
- Q.5 What are the business risks and threats to the global artificial intelligence in cancer market?
- Q.6 What are the emerging trends in this artificial intelligence in cancer market and the reasons behind them?
- Q.7 What are some changing demands of customers in this artificial intelligence in cancer market?
- Q.8 What are the new developments in this artificial intelligence in cancer market? Which companies are leading these developments?
- Q.9 Who are the major players in this artificial intelligence in cancer market? What strategic initiatives are being implemented by key players for business growth?
- Q.10 What are some of the competitive products and processes in this artificial intelligence in cancer market, and how big of a threat do they pose for loss of market share via material or product substitution?
- Q.11 What M&A activities did take place in the last five years in the artificial intelligence in the global cancer market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments AI Tool (Machine Learning, Natural Language Processing, Image Processing, and Speech Recognition), Therapy (Surgery & Chemotherapy, Radiotherapy, Immunotherapy, Alteration of Tumor Microenvironment, Phototherapy, Theranostics, Gene Therapy, Hyperthermia Therapy, and Sonodynamic Therapy), Algorithm Type (Artificial Neural Networks and Deep Learning), and Application (Diagnosis, Therapy, Prognosis, Health Management, and Research)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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