

# **AI in Oncology for Analytical Solutions Market Size, Trends, Analysis, and Outlook By Component (Data Licensing Services, Software Solutions, Analytics and Other Services), By Cancer (Breast Cancer, Lung Cancer, Prostate Cancer, Colorectal Cancer, Brain Tumour, Kidney Cancer, Non-Hodgkin Lymphoma, Bladder Cancer), by Region, Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/A20841693523EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: A20841693523EN

## **Abstracts**

The global AI in Oncology for Analytical Solutions market size is poised to register 31.52% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global AI in Oncology for Analytical Solutions market across By Component (Data Licensing Services, Software Solutions, Analytics and Other Services), By Cancer (Breast Cancer, Lung Cancer, Prostate Cancer, Colorectal Cancer, Brain Tumour, Kidney Cancer, Non-Hodgkin Lymphoma, Bladder Cancer).

The AI in Oncology for Analytical Solutions Market is experiencing exponential growth and innovation in 2024 and beyond, fueled by the increasing complexity of cancer research, diagnosis, and treatment decision-making. Artificial intelligence (AI) and machine learning algorithms offer powerful analytical capabilities for interpreting large-scale genomic, imaging, and clinical data sets, enabling precision oncology approaches and personalized cancer care. Key trends include the development of AI-driven predictive modeling tools, biomarker discovery platforms, and therapeutic response prediction algorithms to improve patient outcomes, treatment efficacy, and drug development strategies. Additionally, there is a growing emphasis on data

interoperability, data sharing initiatives, and regulatory harmonization efforts to accelerate AI adoption in oncology research and clinical practice while addressing ethical, privacy, and regulatory challenges.

## AI in Oncology for Analytical Solutions Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The AI in Oncology for Analytical Solutions market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of AI in Oncology for Analytical Solutions survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the AI in Oncology for Analytical Solutions industry.

## Key market trends defining the global AI in Oncology for Analytical Solutions demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## AI in Oncology for Analytical Solutions Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The AI in Oncology for Analytical Solutions industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support AI in Oncology for Analytical Solutions companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the AI in Oncology for Analytical Solutions industry

Leading AI in Oncology for Analytical Solutions companies are boosting investments to

capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 AI in Oncology for Analytical Solutions companies.

### AI in Oncology for Analytical Solutions Market Study- Strategic Analysis Review

The AI in Oncology for Analytical Solutions market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### AI in Oncology for Analytical Solutions Market Size Outlook- Historic and Forecast Revenue in Three Cases

The AI in Oncology for Analytical Solutions industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### AI in Oncology for Analytical Solutions Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For

each of the six regions, the market size outlook by segments is forecast for 2030.

### North America AI in Oncology for Analytical Solutions Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various AI in Oncology for Analytical Solutions market segments. Similarly, Strong end-user demand is encouraging Canadian AI in Oncology for Analytical Solutions companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico AI in Oncology for Analytical Solutions market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe AI in Oncology for Analytical Solutions Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European AI in Oncology for Analytical Solutions industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European AI in Oncology for Analytical Solutions market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

### Asia Pacific AI in Oncology for Analytical Solutions Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for AI in Oncology for Analytical Solutions in Asia Pacific. In particular, China, India, and South East Asian AI in Oncology for Analytical Solutions markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India

offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America AI in Oncology for Analytical Solutions Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa AI in Oncology for Analytical Solutions Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East AI in Oncology for Analytical Solutions market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for AI in Oncology for Analytical Solutions.

AI in Oncology for Analytical Solutions Market Company Profiles

The global AI in Oncology for Analytical Solutions market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Azra AI, Concert.AI, Digital Diagnostics Inc, GE Healthcare, IBM, Intel, Median Technologies, NVIDIA, Path AI, Siemens Healthineers

Recent AI in Oncology for Analytical Solutions Market Developments

The global AI in Oncology for Analytical Solutions market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

AI in Oncology for Analytical Solutions Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

By Component

Data Licensing Services

-Payers

-Providers

-Pharmaceuticals

Software Solutions

-Payers

-Providers

-Pharmaceuticals

Analytics and Other Services

-Payers

-Providers

-Pharmaceuticals

By Cancer Type

Breast Cancer

Lung Cancer

Prostate Cancer

Colorectal Cancer

Brain Tumour

Kidney Cancer

Non-Hodgkin Lymphoma

Bladder Cancer

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Azra AI

Concert.AI

Digital Diagnostics Inc

GE Healthcare

IBM

Intel

Median Technologies

NVIDIA

Path AI

Siemens Healthineers

Formats Available: Excel, PDF, and PPT



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-Providers

-Pharmaceuticals

#### Software Solutions

-Payers

-Providers

-Pharmaceuticals

#### Analytics and Other Services

-Payers

-Providers

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Kidney Cancer

Non-Hodgkin Lymphoma

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Concert.AI

Digital Diagnostics Inc

GE Healthcare

IBM

Intel

Median Technologies

NVIDIA

Path AI

Siemens Healthineers

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