

Global AI In Oncology for Analytical Solutions Market Size study & Forecast, by Component (Data Licensing Services, Software Solutions, Analytics and Other Services) by Cancer Type (Breast Cancer, Lung Cancer, Prostate Cancer, Colorectal Cancer, Brain Tumor, Kidney Cancer, Non-Hodgkin Lymphoma, Bladder Cancer) and Regional Analysis, 2022-2029

https://marketpublishers.com/r/GB90E172DC04EN.html

Date: May 2023 Pages: 200 Price: US\$ 4,950.00 (Single User License) ID: GB90E172DC04EN

### **Abstracts**

Global AI In Oncology for Analytical Solutions Market is valued at approximately USD 451.99 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 35.50% over the forecast period 2022-2029. The use of AI in cancer practice offers to supply clinical decision support majorly for processing medical data for cancer detection, cancer diagnosis and screening, or characterization of patient prognosis, and optimizing care delivery and clinical operations. The rising incidence of cancer is driving the industry. This is because the number of instances around the world is increasing quickly. The major driving factor for the market the is rising prevalence of cancer, the growing demand for telemedicine and remote care. Moreover, advancements in AI in oncology for analytical solutions, the adoption of AI for disease diagnosis is creating a lucrative growth opportunity for the market over the forecast period 2022-2029.

Cancer is a major cause of death worldwide, and according to the WHO, it was responsible for roughly 10 million deaths in 2020 alone, or nearly one-sixth of all deaths. The World Health Organization added that factors like tobacco use, alcohol consumption, a high body mass index, and a lack of physical exercise can cause cancer. Furthermore, individuals with lung cancer have a higher chance of contracting COVID-19. Among the causes of death mentioned in the National Vital Statistics System of the Centers for Disease Control and Prevention between January 1, 2018,



and July 2, 2022, was cancer, according to a report released in December 2022. According to the data examined, there were approximately 13,000 cancer-related deaths reported weekly on average, with this illness being the primary cause in 90% of cases in 2018 and 2019, 88% of cases in 2020, and 87% of cases in 2021. However, in these difficult situations, contemporary AI and ML technologies have the potential to improve patient diagnosis, care, and treatment. The backlog of cancer imaging during the pandemic was addressed with artificial intelligence, which decreased the burden on the medical staff. However, the high cost of AI In Oncology For Analytical Solutions stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global AI In Oncology for Analytical Solutions Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2021, North America controlled the industry with a share. The expansion is ascribed to elements such as the availability of digital infrastructure and supportive governmental policies. Oncology services are anticipated to become more popular in the area as a result of increased government reimbursements. Asia Pacific is anticipated to experience the fastest increase between 2023 and 2030. Several factors, including the rising elderly population in nations such as India and Japan and the expanding use of digital technologies in hospitals and diagnostic centers, can be credited for this development.

Major market player included in this report are: Azra AI International Business Machines Corporation Siemens Healthineers Intel Corporation GE Healthcare NVIDIA Corporation Digital Diagnostics Inc. Concert.AI Median Technologies Path AI

Recent Developments in the Market:

A group of scientists from the National Institutes of Health and Global Good created a machine learning algorithm that can analyze digital pictures of the cervix in women in 2019.

The GI GeniusTM intelligent endoscopy module, which is driven by AI and aids healthcare professionals in the detection of colorectal cancer by improving visualization.



during colonoscopy, was introduced by Medtronic plc in August 2022 in India. Global AI In Oncology for Analytical Solutions Market Report Scope: Historical Data 2019-2020-2021 Base Year for Estimation 2021 Forecast period 2022-2029 Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends Segments Covered Component, Cancer Type, Region Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Component offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component: Data Licensing Services Software Solutions Analytics and Other Services By Cancer Type: Breast Cancer Lung Cancer Prostate Cancer Colorectal Cancer Brain Tumor Kidney Cancer Non-Hodgkin Lymphoma Bladder Cancer

By Region: North America



+44 20 8123 2220 info@marketpublishers.com

U.S. Canada Europe UK Germany France Spain Italy ROE Asia Pacific China India Japan Australia South Korea **RoAPAC** Latin America Brazil Mexico Rest of the World



### Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)

1.2.1. Al In Oncology for Analytical Solutions Market, by Region, 2019-2029 (USD Billion)

1.2.2. Al In Oncology for Analytical Solutions Market, by Component, 2019-2029 (USD Billion)

1.2.3. Al In Oncology for Analytical Solutions Market, by Cancer Type, 2019-2029 (USD Billion)

- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

## CHAPTER 2. GLOBAL AI IN ONCOLOGY FOR ANALYTICAL SOLUTIONS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

## CHAPTER 3. GLOBAL AI IN ONCOLOGY FOR ANALYTICAL SOLUTIONS MARKET DYNAMICS

- 3.1. AI In Oncology for Analytical Solutions Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing prevalence of cancer
  - 3.1.1.2. Growing demand for telemedicine and remote care
  - 3.1.2. Market Challenges
  - 3.1.2.1. High Cost of AI In Oncology for Analytical Solutions
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Advancements in AI in oncology for analytical solutions
    - 3.1.3.2. Adoption of AI for disease diagnosis



## CHAPTER 4. GLOBAL AI IN ONCOLOGY FOR ANALYTICAL SOLUTIONS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
- 4.3.1. Political
- 4.3.2. Economical
- 4.3.3. Social
- 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

### CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## CHAPTER 6. GLOBAL AI IN ONCOLOGY FOR ANALYTICAL SOLUTIONS MARKET, BY COMPONENT

6.1. Market Snapshot

6.2. Global AI In Oncology for Analytical Solutions Market by Component, PerformancePotential Analysis

6.3. Global AI In Oncology for Analytical Solutions Market Estimates & Forecasts by Component 2019-2029 (USD Billion)

- 6.4. Al In Oncology for Analytical Solutions Market, Sub Segment Analysis
  - 6.4.1. Data Licensing Services
  - 6.4.2. Software Solutions
  - 6.4.3. Analytics and Other Services

### CHAPTER 7. GLOBAL AI IN ONCOLOGY FOR ANALYTICAL SOLUTIONS



### MARKET, BY CANCER TYPE

- 7.1. Market Snapshot
- 7.2. Global AI In Oncology for Analytical Solutions Market by Cancer Type,
- Performance Potential Analysis

7.3. Global AI In Oncology for Analytical Solutions Market Estimates & Forecasts by Cancer Type 2019-2029 (USD Billion)

- 7.4. Al In Oncology for Analytical Solutions Market, Sub Segment Analysis
  - 7.4.1. Breast Cancer
  - 7.4.2. Lung Cancer
  - 7.4.3. Prostate Cancer
  - 7.4.4. Colorectal Cancer
  - 7.4.5. Brain Tumor
  - 7.4.6. Kidney Cancer
  - 7.4.7. Non-Hodgkin Lymphoma
  - 7.4.8. Bladder Cancer

## CHAPTER 8. GLOBAL AI IN ONCOLOGY FOR ANALYTICAL SOLUTIONS MARKET, REGIONAL ANALYSIS

- 8.1. Al In Oncology for Analytical Solutions Market, Regional Market Snapshot
- 8.2. North America AI In Oncology for Analytical Solutions Market
- 8.2.1. U.S. AI In Oncology for Analytical Solutions Market
  - 8.2.1.1. Component breakdown estimates & forecasts, 2019-2029
  - 8.2.1.2. Cancer Type breakdown estimates & forecasts, 2019-2029
- 8.2.2. Canada AI In Oncology for Analytical Solutions Market
- 8.3. Europe AI In Oncology for Analytical Solutions Market Snapshot
- 8.3.1. U.K. AI In Oncology for Analytical Solutions Market
- 8.3.2. Germany AI In Oncology for Analytical Solutions Market
- 8.3.3. France AI In Oncology for Analytical Solutions Market
- 8.3.4. Spain AI In Oncology for Analytical Solutions Market
- 8.3.5. Italy AI In Oncology for Analytical Solutions Market
- 8.3.6. Rest of Europe AI In Oncology for Analytical Solutions Market
- 8.4. Asia-Pacific AI In Oncology for Analytical Solutions Market Snapshot
- 8.4.1. China AI In Oncology for Analytical Solutions Market
- 8.4.2. India AI In Oncology for Analytical Solutions Market
- 8.4.3. Japan AI In Oncology for Analytical Solutions Market
- 8.4.4. Australia AI In Oncology for Analytical Solutions Market
- 8.4.5. South Korea AI In Oncology for Analytical Solutions Market



8.4.6. Rest of Asia Pacific AI In Oncology for Analytical Solutions Market

- 8.5. Latin America AI In Oncology for Analytical Solutions Market Snapshot
- 8.5.1. Brazil AI In Oncology for Analytical Solutions Market
- 8.5.2. Mexico AI In Oncology for Analytical Solutions Market
- 8.6. Rest of The World AI In Oncology for Analytical Solutions Market

#### **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Company Profiles
- 9.2.1. Azra Al
  - 9.2.1.1. Key Information
  - 9.2.1.2. Overview
  - 9.2.1.3. Financial (Subject to Data Availability)
  - 9.2.1.4. Product Summary
  - 9.2.1.5. Recent Developments
- 9.2.2. International Business Machines Corporation
- 9.2.3. Siemens Healthineers
- 9.2.4. Intel Corporation
- 9.2.5. GE Healthcare
- 9.2.6. NVIDIA Corporation
- 9.2.7. Digital Diagnostics Inc.
- 9.2.8. Concert.AI
- 9.2.9. Median Technologies
- 9.2.10. Path AI

### **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
- 10.1.1. Data Mining
- 10.1.2. Analysis
- 10.1.3. Market Estimation
- 10.1.4. Validation
- 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption



### **List Of Tables**

### LIST OF TABLES

TABLE 1. Global AI In Oncology for Analytical Solutions Market, report scope TABLE 2. Global AI In Oncology for Analytical Solutions Market estimates & forecasts by Region 2019-2029 (USD Billion) TABLE 3. Global AI In Oncology for Analytical Solutions Market estimates & forecasts by Component 2019-2029 (USD Billion) TABLE 4. Global AI In Oncology for Analytical Solutions Market estimates & forecasts by Cancer Type 2019-2029 (USD Billion) TABLE 5. Global AI In Oncology for Analytical Solutions Market by segment, estimates & forecasts, 2019-2029 (USD Billion) TABLE 6. Global AI In Oncology for Analytical Solutions Market by region, estimates & forecasts, 2019-2029 (USD Billion) TABLE 7. Global AI In Oncology for Analytical Solutions Market by segment, estimates & forecasts, 2019-2029 (USD Billion) TABLE 8. Global AI In Oncology for Analytical Solutions Market by region, estimates & forecasts, 2019-2029 (USD Billion) TABLE 9. Global AI In Oncology for Analytical Solutions Market by segment, estimates & forecasts, 2019-2029 (USD Billion) TABLE 10. Global AI In Oncology for Analytical Solutions Market by region, estimates & forecasts, 2019-2029 (USD Billion) TABLE 11. Global AI In Oncology for Analytical Solutions Market by segment, estimates & forecasts, 2019-2029 (USD Billion) TABLE 12. Global AI In Oncology for Analytical Solutions Market by region, estimates & forecasts, 2019-2029 (USD Billion) TABLE 13. Global AI In Oncology for Analytical Solutions Market by segment, estimates & forecasts, 2019-2029 (USD Billion) TABLE 14. Global AI In Oncology for Analytical Solutions Market by region, estimates & forecasts, 2019-2029 (USD Billion) TABLE 15. U.S. AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion) TABLE 16. U.S. AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion) TABLE 17. U.S. AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion) TABLE 18. Canada AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)



TABLE 19. Canada AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE AI In Oncology for Analytical Solutions Market estimates & forecasts by



segment 2019-2029 (USD Billion)

TABLE 39. China AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)



TABLE 58. Brazil AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row AI In Oncology for Analytical Solutions Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row AI In Oncology for Analytical Solutions Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global AI In Oncology for Analytical Solutions Market

TABLE 70. List of primary sources, used in the study of global AI In Oncology for Analytical Solutions Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable



### **List Of Figures**

### LIST OF FIGURES

FIG 1. Global AI In Oncology for Analytical Solutions Market, research methodology FIG 2. Global AI In Oncology for Analytical Solutions Market, Market estimation techniques FIG 3. Global Market size estimates & forecast methods FIG 4. Global AI In Oncology for Analytical Solutions Market, key trends 2021 FIG 5. Global AI In Oncology for Analytical Solutions Market, growth prospects 2022-2029 FIG 6. Global AI In Oncology for Analytical Solutions Market, porters 5 force model FIG 7. Global AI In Oncology for Analytical Solutions Market, pest analysis FIG 8. Global AI In Oncology for Analytical Solutions Market, value chain analysis FIG 9. Global AI In Oncology for Analytical Solutions Market by segment, 2019 & 2029 (USD Billion) FIG 10. Global AI In Oncology for Analytical Solutions Market by segment, 2019 & 2029 (USD Billion) FIG 11. Global AI In Oncology for Analytical Solutions Market by segment, 2019 & 2029 (USD Billion) FIG 12. Global AI In Oncology for Analytical Solutions Market by segment, 2019 & 2029 (USD Billion) FIG 13. Global AI In Oncology for Analytical Solutions Market by segment, 2019 & 2029 (USD Billion) FIG 14. Global AI In Oncology for Analytical Solutions Market, regional snapshot 2019 & 2029 FIG 15. North America AI In Oncology for Analytical Solutions Market 2019 & 2029 (USD Billion) FIG 16. Europe AI In Oncology for Analytical Solutions Market 2019 & 2029 (USD Billion) FIG 17. Asia pacific AI In Oncology for Analytical Solutions Market 2019 & 2029 (USD Billion) FIG 18. Latin America AI In Oncology for Analytical Solutions Market 2019 & 2029 (USD Billion) FIG 19. Global AI In Oncology for Analytical Solutions Market, company Market share analysis (2021) List of tables and figures and dummy in nature, final lists may vary in the final deliverable



### I would like to order

Product name: Global AI In Oncology for Analytical Solutions Market Size study & Forecast, by Component (Data Licensing Services, Software Solutions, Analytics and Other Services) by Cancer Type (Breast Cancer, Lung Cancer, Prostate Cancer, Colorectal Cancer, Brain Tumor, Kidney Cancer, Non-Hodgkin Lymphoma, Bladder Cancer) and Regional Analysis, 2022-2029

Product link: https://marketpublishers.com/r/GB90E172DC04EN.html

Price: US\$ 4,950.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GB90E172DC04EN.html</u>

# To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>



To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970