

# **AI-in Life Science Analytics Market Size, Trends, Analysis, and Outlook By Component (Software, Hardware, Services), By Deployment (On premises, Cloud), By Application (Research and Development, Sales and Marketing support, Supply chain analytics, Others), By End-User (Medical Devices, Pharmaceutical, Biotechnology, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global AI-in Life Science Analytics market size is poised to register 16.11% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global AI-in Life Science Analytics market across By Component (Software, Hardware, Services), By Deployment (On premises, Cloud), By Application (Research and Development, Sales and Marketing support, Supply chain analytics, Others), By End-User (Medical Devices, Pharmaceutical, Biotechnology, Others).

The AI-in life science analytics market is witnessing rapid growth, fueled by increasing demand for data-driven insights, expanding applications in drug discovery and development, and advancements in artificial intelligence (AI) and data analytics technologies. AI-based life science analytics platforms leverage advanced algorithms, machine learning models, and big data analytics to analyze complex biological data, biomedical literature, and clinical trial databases for actionable insights, predictive modeling, and decision support in drug research, development, and commercialization. With a focus on translational research, target identification, and biomarker discovery, pharmaceutical companies, biotechnology firms, and academic research institutions are

leveraging AI-driven analytics to accelerate drug discovery pipelines, optimize preclinical experiments, and identify novel therapeutic targets for unmet medical needs. Moreover, advancements in high-throughput screening, omics technologies, and real-world evidence are driving market expansion, offering new opportunities to integrate AI-enabled analytics into drug development workflows, regulatory submissions, and post-market surveillance activities. Additionally, collaborations between AI solution providers, life science organizations, and regulatory agencies are driving innovation in life science analytics, fostering the development of standardized platforms, interoperable data repositories, and regulatory-compliant solutions to enhance decision-making, risk management, and innovation in the global pharmaceutical industry.

## AI-in Life Science Analytics 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 Life Science Analytics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of AI-in Life Science Analytics 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 Life Science Analytics industry.

## Key market trends defining the global AI-in Life Science Analytics 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 Life Science Analytics Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The AI-in Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics industry

Leading AI-in Life Science Analytics 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 Life Science Analytics companies.

AI-in Life Science Analytics Market Study- Strategic Analysis Review

The AI-in Life Science Analytics 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 Life Science Analytics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The AI-in Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics market segments. Similarly, Strong end-user demand is encouraging Canadian AI-in Life Science Analytics companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico AI-in Life Science Analytics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe AI-in Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics in Asia Pacific. In particular, China, India, and South East Asian AI-in Life

Science Analytics 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 Life Science Analytics 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 Life Science Analytics 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 Life Science Analytics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for AI-in Life Science Analytics.

AI-in Life Science Analytics Market Company Profiles

The global AI-in Life Science Analytics 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 AiCure LLC, Apixio Inc, Atomwise Inc, Enlitic Inc, IBM Corp, Insilico Medicine Inc, Nuance Communications Inc, NuMedii Inc, Sensely Inc, Sophia Genetics SA, twoXAR Inc, Zebra Medical Vision

Recent AI-in Life Science Analytics Market Developments

The global AI-in Life Science Analytics 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 Life Science Analytics 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

Software

Hardware

Services

By Deployment

On premises

Cloud

By Applications

Research and Development

Sales and Marketing support

Supply chain analytics

Others

By End-user

Medical Devices

Pharmaceutical

Biotechnology

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

AiCure LLC

Apixio Inc

Atomwise Inc

Enlitic Inc

IBM Corp

Insilico Medicine Inc

Nuance Communications Inc

NuMedii Inc

Sensely Inc

Sophia Genetics SA

twoXAR Inc

Zebra Medical Vision

Formats Available: Excel, PDF, and PPT



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    - Hardware

Services

By Deployment

On premises

Cloud

By Applications

Research and Development

Sales and Marketing support

Supply chain analytics

Others

By End-user

Medical Devices

Pharmaceutical

Biotechnology

Others

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