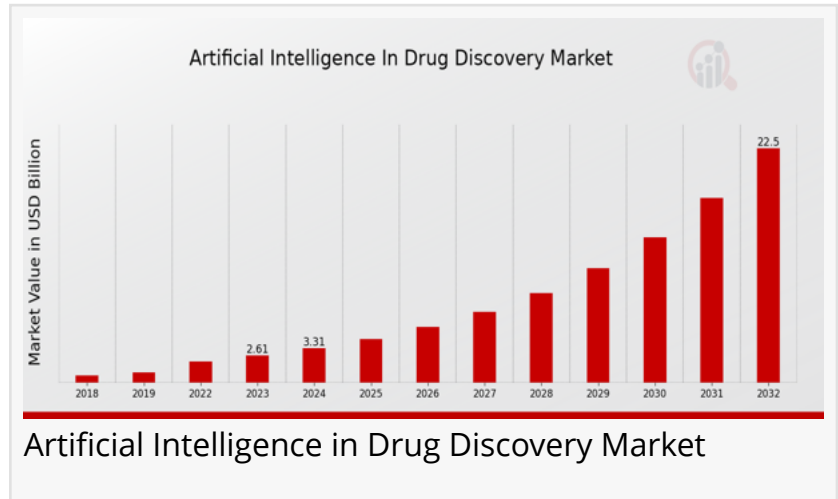


Artificial Intelligence in Drug Discovery Market Poised to Growth USD 22.5 Million by 2032 with Thriving CAGR of 27.06%

The healthcare landscape in 2025 is poised for a transformative shift, driven by innovation and collaboration.

US, NY, UNITED STATES, January 17, 2025 /EINPresswire.com/ -- Market Research Future Latest Industry Insights on "Artificial Intelligence in Drug Discovery Market Research Report By Technology (Machine Learning, Natural Language Processing, Expert Systems, Deep Learning), By Application (Drug Repurposing, Clinical Trial Patient Recruitment, Drug Discovery, Preclinical Research), By End Use (Pharmaceutical Companies, Biotechnology Companies, Research Institutions, Contract Research Organizations), By Deployment Type (Cloud-based, On-premise) and By Regional (North America, Europe, South America, Asia-Pacific, Middle East and Africa) - Forecast to 2032"



[Artificial Intelligence in Drug Discovery Market share](#) valued at 2.05 (USD billion US\$) in 2022. Artificial Intelligence in Drug Discovery Market Industry is expected to grow from 2.61(USD billion US\$) in 2023 to 22.5 (USD billion US\$) by 2032. Artificial Intelligence in Drug Discovery Market CAGR (growth rate) is expected to be around 27.06% during forecast period (2024 - 2032).

Artificial Intelligence in Drug Discovery Market Insights: AI continues to transform drug discovery by accelerating timelines and reducing costs. Major partnerships between pharma and AI startups. Use of generative AI for novel molecules, expansion in rare disease research, and regulatory focus on AI-driven trials.

The healthcare landscape in 2025 is poised for a transformative shift, driven by innovation and collaboration. Breakthroughs like genomics-based prevention, AI-powered diagnostics, and physical solutions promise a future of care that is more personalized, proactive, and accessible. By adopting these advancements, healthcare systems across the globe can empower clinicians and establish a sustainable framework for future generations.

Also, Advancements in 3D printing for custom implants and smart implants with IoT integration are gaining traction. Minimally invasive surgery techniques are driving adoption.

Key Companies in the Artificial Intelligence in Drug Discovery Market Include:

Bristol-Myers Squibb

Siemens

Insilico Medicine

Schrodinger

Atomwise

BenevolentAI

GlaxoSmithKline

Oracle

Exscientia

Recursion Pharmaceuticals

Microsoft

IBM

Pfizer

Biogen

Nvidia, and among others

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As genetic diagnosis and treatment evolve from the cellular level to clinical practice, the information and tools available to clinicians are expected to expand dramatically over the next decade. Advances in less invasive imaging, such as computer-assisted diagnosis of coronary

artery disease through combined modalities like echocardiography, magnetic resonance imaging, and positron emission tomography, will enhance outcomes and enable quicker recovery through catheter-based treatments.

Authenticated data presented in the Artificial Intelligence in Drug Discovery Market report is based on findings of extensive primary and secondary research. On the basis of historic growth analysis and the current scenario of the market, the report intends to offer actionable insights and an outlook on global/regional market growth projections. The Artificial Intelligence in Drug Discovery Market report considers the revenue generated from the sales of this report and technologies by various application segments and browses market data tables. Various market parameters such as macroeconomic conditions, market environment, government policies, and competitive landscape are thoroughly studied and taken into account while analysing the market.

Artificial Intelligence in Drug Discovery Market Detailed Segmentation:

Artificial Intelligence in Drug Discovery Market Segmentation Insights

Artificial Intelligence in Drug Discovery Market Technology Outlook

Machine Learning

Natural Language Processing

Expert Systems

Deep Learning

Artificial Intelligence in Drug Discovery Market Application Outlook

Drug Repurposing

Clinical Trial Patient Recruitment

Drug Discovery

Preclinical Research

Artificial Intelligence in Drug Discovery Market End-Use Outlook

Pharmaceutical Companies

Biotechnology Companies

Research Institutions

Contract Research Organizations

Artificial Intelligence in Drug Discovery Market Deployment Type Outlook

Cloud-based

On-premise

Artificial Intelligence in Drug Discovery Market Regional Outlook

North America

Europe

South America

Asia-Pacific

Middle East and Africa

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Additionally, innovations like DNA chip technology and genetic fingerprinting will significantly improve risk assessment, allowing other technologies to further extend life. However, these advancements will also bring forth a range of new ethical challenges that will need to be addressed thoughtfully.

Key Inquiries Addressed in this Artificial Intelligence in Drug Discovery Market Report include:

□ How the size of the Artificial Intelligence in Drug Discovery Market will improve in 2025, and what is the projected value by 2034?

□ The Artificial Intelligence in Drug Discovery Market report provides a quantitative analysis of the current market and estimations through 2025-2032 that assists in identifying the prevailing market opportunities to capitalize on

□ New strategies offer optimal opportunities for growth maximization in the business

□ Recent trends are shaping the Artificial Intelligence in Drug Discovery Market

□ the report provides detailed information related to key drivers, restraints, and opportunities and their impact on the market.

□ The study comprises a deep dive analysis of the market trend including the current and future trends for depicting the prevalent investment pockets in the market

□ The report incorporates a competitive analysis of the market players along with their market share in the global market.

□ The SWOT analysis and Porter's Five Forces model is elaborated in the study of Artificial Intelligence in Drug Discovery Market.

□ Value chain analysis in the market study provides a clear picture of the stakeholders' roles.

The Artificial Intelligence in Drug Discovery Market report also delves into the competitive landscape, key players, trade patterns, industry value chain, recent news, policies, and regulations. Should you have any inquiries or require customization options, please don't hesitate to contact us.

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<https://www.marketresearchfuture.com/reports/sicca-syndrome-sjgren-market-39521>

Behet's Disease Treatment Industry Outlook 2025 -

<https://www.marketresearchfuture.com/reports/behcets-disease-treatment-market-40735>

Congenital Hyperinsulinism Industry Outlook 2025 -

<https://www.marketresearchfuture.com/reports/congenital-hyperinsulinism-market-40723>

Anti-Hangover Supplement Industry Outlook 2025 -

<https://www.marketresearchfuture.com/reports/anti-hangover-supplement-market-40696>

Insulin Pen Needle Industry Outlook 2025 -

<https://www.marketresearchfuture.com/reports/insulin-pen-needle-market-40898>

3D Dental Scanners Industry Outlook 2025 - <https://www.marketresearchfuture.com/reports/3d-dental-scanners-market-40862>

Animal Intestinal Health Industry Outlook 2025 -

<https://www.marketresearchfuture.com/reports/animal-intestinal-health-market-40912>

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