

Artificial Intelligence in Drug Discovery Market Expecting Huge Demand in Upcoming Years with a CAGR of 41.1%

Artificial Intelligence in Drug Discovery Market is projected to experience a growth of approximately 41.1% during the forecast period spanning from 2023 to 2030

HYDERABAD, TELANGANA, INDIA,
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EINPresswire.com/ -- The latest Report Available at USD Analytics Market, "[Artificial Intelligence in Drug Discovery Market](#)" provides a pin-point analysis of changing competitive dynamics and a forward-looking perspective on different factors driving or restraining industry growth.

As the Political, Economic, Social, Technological, Environmental, and Legal factors continue to change, business leaders across industries have shifted focus to strategic objectives to achieve market excellence. The "Global Artificial Intelligence in Drug Discovery Market Size, Share Analysis with Forecast to 2030" report comes with comprehensive business strategies and plans

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Artificial Intelligence in Drug Discovery Market

that have proven to propel business growth in such a scenario. For that purpose, companies require relevant information and market intelligence-based insights to measure changing market trends, best practices, competitors' market position, customers' needs, and demand-supply changes.

The Artificial Intelligence in Drug Discovery Market report covers an extensive analysis of the key market players, along with their business overview, expansion plans, and strategies. The key players studied in the report include: NVIDIA Corporation (United States), BenevolentAI (United Kingdom), Recursion (United States), Insilico Medicine

(United States), Schrödinger Inc (United States), Exscientia (United Kingdom), Atomwise Inc (United States), Illumina Inc (United States), Microsoft Corporation (United States), Google (United States), NuMedii Inc (United States), XtalPi Inc (United States), Iktos (France), Tempus Labs (United States), Deep Genomics Inc (Canada), IQVIA Inc (United States), Labcorp (United States), Verge Genomics (United States), Valo Health (United States), BPGbio Inc (United States).

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Definition:

Artificial Intelligence (AI) has revolutionized drug discovery across various stages of the process. It plays a pivotal role in target identification and validation by analyzing biological data and expediting the validation of potential drug targets. In drug design and optimization, AI facilitates the creation of novel drug candidates through predictive modeling and reinforcement learning, improving molecular structures and optimizing lead compounds. AI-driven high-throughput screening automates and analyzes vast datasets to identify potential drug candidates rapidly. Predictive modeling extends to drug-drug interactions and clinical trial optimization, enhancing efficiency and anticipating challenges. AI's ability to integrate and analyze diverse data sources, coupled with natural language processing, aids in uncovering hidden patterns and information from scientific literature. Additionally, AI contributes to personalized medicine by tailoring treatments based on individual patient data, and it identifies opportunities for drug repurposing. Despite challenges, the symbiosis of AI and drug discovery accelerates the development of innovative and more effective therapeutics, reshaping the landscape of the pharmaceutical industry.

The following fragment talks about the Artificial Intelligence in Drug Discovery market types, applications, End-Users, Deployment model, etc. A Thorough Analysis of Artificial Intelligence in Drug Discovery Market Segmentation:

By Component (Software, Hardware, Others), By Application (Drug optimization and repurposing, Preclinical testing, Others), By Technology (Machine Learning, Natural Language Processing, Context-Aware Processing, Others), By Therapeutic Area (Oncology, Neurodegenerative Diseases, Cardiovascular Disease, Metabolic Diseases, Infectious Disease, Others)

As the Artificial Intelligence in Drug Discovery market is becoming increasingly competitive, it has become imperative for businesses to keep a constant watch on their competitor strategies and other changing trends in the Artificial Intelligence in Drug Discovery market. The scope of Artificial Intelligence in Drug Discovery market intelligence has proliferated to include comprehensive analysis and analytics that can help revamp business models and projections to

suit current business requirements.

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What are the market factors that are explained in the Artificial Intelligence in Drug Discovery Market report?

- Key Strategic Developments: Strategic developments of the market, comprising R&D, new product launch, M&A, agreements, collaborations, partnerships, joint ventures, and regional growth of the leading competitors.
- Key Market Features: Including revenue, price, capacity, capacity utilization rate, gross, production, production rate, consumption, import/export, supply/demand, cost, market share, CAGR, and gross margin.
- Analytical Tools: Analytical tools such as Porter's five forces analysis, SWOT analysis, feasibility study, and investment return analysis have been used to analyze the growth of the key players operating in the market.

Some Points of Table of Content:

Chapter One: Report Overview

Chapter Two: Global Artificial Intelligence in Drug Discovery Market Growth Trends

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