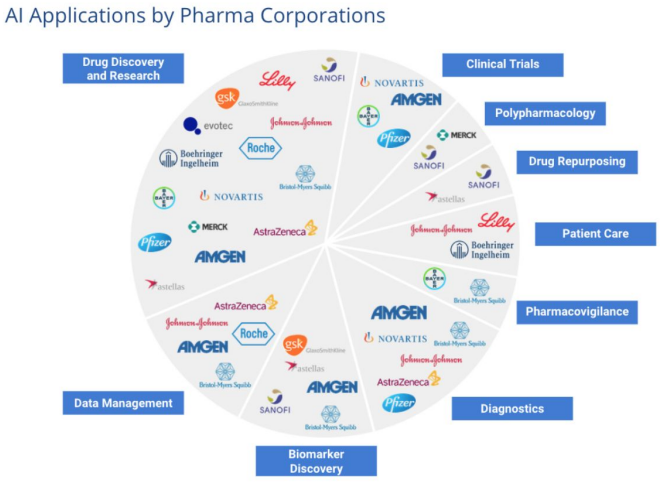
AI-Friendly CEOs and Board Members in Pharma and Tech

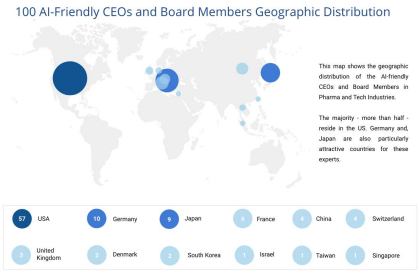
Pharma and healthcare corporations with AI-friendly executives at the helm will prosper. AI-friendly CEOs and board members will demonstrate how the effective use of AI can increase a company's valuation.

Deep Knowledge Analytics has published a new report entitled AI-Friendly CEOs and Board Members in Pharma and Tech Corporations This report is based on comprehensive research on 50 pharma and tech corporations that are applying AI in advanced biomedicine. This report identifies 100 CEOs and board members who are driving the implementation of AI in biomedicine. The presence of AI-friendly CEOs and board members is an indication that a company is focused on increasing R&D efficiency and thus is more likely to succeed in the drug discovery sector. The objective of this report is to establish a benchmark. In the future we expect to observe a correlation between such benchmarking and market and investment prospects with the level of AI commitment serving as an indicator of market capitalization growth.

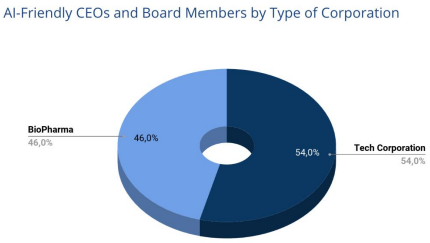


Report Highlights

- The distribution of AI-friendly CEOs and board members is concentrated in the US, Germany, and Japan. These countries are likely to become AI research and innovation hubs that attract AI in Pharma experts from around the world.



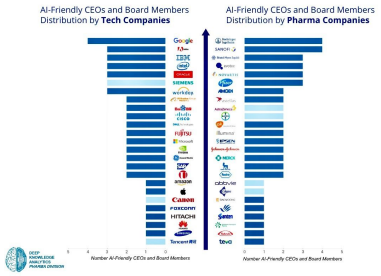
- The cities with the highest numbers of AI-friendly CEOs and board members are New York, San Francisco, Indianapolis, Ingelheim am Rhein, Basel, and Tokyo.
- The AI leaders have interdisciplinary skills in both business and technology including deep experience is computer science, AI, data science, engineering, statistics, math, and life sciences, and a high number of peer-reviewed publications with a high level of citation.



- 54% of the AI leaders work in tech companies
- 46% of the AI leaders work in pharma companies.
- 3% of the AI leaders have experience and education in both AI and drug development.

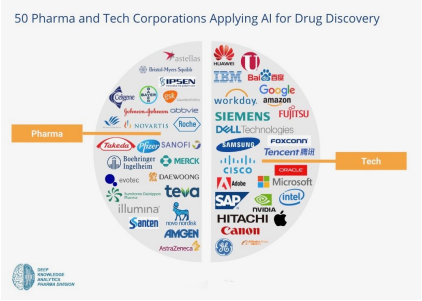
Pharma AI Stock Index

We expect the presence of AI-friendly CEOs and board members to enable companies to outperform general market trends in the sector via a more effective and complex application of AI. Similarly, the growth of the Pharma AI Stock Index will exceed the growth of most traditional market indices. Our Pharma AI Stock Index proprietary report aims to assess financial dynamics of pharma and tech companies applying AI for drug discovery and advanced healthcare in order to enable investors, companies and other industry participants to develop effective short and long-term strategies. The application of AI adds a new dimension that is used by the financial community to determine current and future market valuations of organizations. The use of AI by companies will become a standard component analyzed by fund managers to evaluate companies for investment.

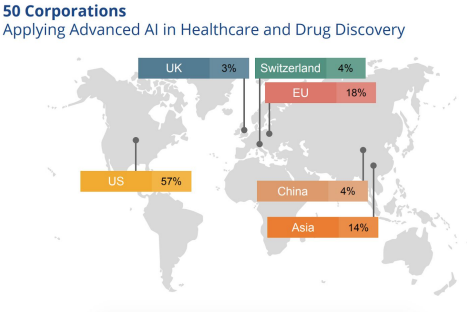


The report includes the following charts and lists

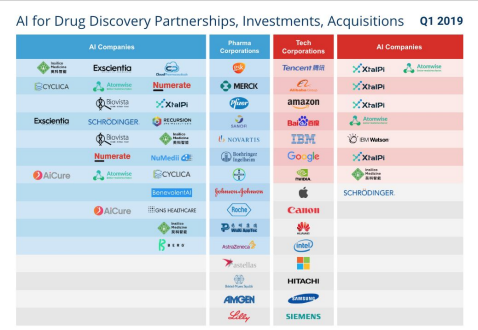
- 25 Pharma Corporations Applying AI for Drug Discovery
- 25 Tech Corporations Applying Advanced AI Technologies in Healthcare
- 100 AI-Friendly CEOs and Board Members



- AI-Friendly CEOs and Board Members by Type of Corporation
- 100 AI-Friendly CEOs and Board Members by Location
- Specialization of 100 AI-Friendly CEOs and Board Members



- 100 AI-Friendly CEOs and Board Members Distribution by Position
- Pharma Corporation Collaborations with AI Companies
- Research Associations between Pharmaceutical and Tech Corporations
- Scientific Publications about AI in Drug Discovery
- Financial Indicators



Methodology

An initial pool of 300 candidates with interdisciplinary skills in both business and technology was selected from multiple sources including articles, awards, research citations, books, talks, social media activity, and education. Categorical variables were considered to be dimensions, descriptive attributes for univariate and bivariate analysis, and classification. Numerical variables were considered to be measures of the initial dataset. The initial pool was shortlisted down to 100 following an iterative approach, starting with differentiating parameters and gradually specifying additional parameters for the final rating. The ranking calculation model is a first-order homogeneous polynomial that calculates a person's assessment variables and their relative impact weights (coefficients). Numeric variables were standardized. The weights of each variable have been logically designed to underline major contributions and impact (innovations, business achievement) and only augment them with less important, yet valuable, contributions (conference talks, social media activity). The most emphasis was placed on the activities of CEOs and board members in their corporations regarding AI applications and development.

Future Editions

In the next edition, the list of CEOs and board members will be expanded to 150 executives from a broadened number of companies in the pharmaceutical and technology industries. The main focus will be on the contribution of market makers in development of AI technologies for drug discovery and implementation of powered deep learning techniques into research and development of new medical treatments. Information will be displayed with interactive mind maps, graphs and spreadsheets.

- CEOs and board members will be ranked by the impact of their work in deep learning.
- We will identify which companies are key players in implementation of AI.
- We will provide the ranking of AI-friendly executives across industries.
- We will describe how DL techniques for drug discovery can be measured and evaluated.
- We will provide a thorough analysis of the performance of pharma and tech companies in relation to AI for Drug Discovery.
- We will provide an analysis of key market players in the AI for Drug Discovery and Biomarker Development landscape.

To see profiles for all 100 AI-friendly CEOs and board members and read the full report please click here:

AI-Friendly CEOs and Board Members of Pharma and Tech Corporations

Deep Knowledge Ventures is a leading investment fund focused on the synergetic convergence of DeepTech verticals, frontier technologies and technological mega-trends. Deep Knowledge Ventures is known for its use of sophisticated analytical systems for investment target identification and due-diligence. Major investment sectors include AI, Precision Medicine, Longevity, Blockchain and InvestTech. @DeepTech_VC

Deep Knowledge Analytics is the DeepTech analytical arm of Deep Knowledge Ventures, specializing conducting special case studies, and producing advanced industry analytical reports. DKA's Pharma Division is the leading analytical entity specifically focused on the Pharma and AI for Drug Discovery sectors, and is the source of market intelligence and analytics for AI-Pharma, a specialized hybrid hedge fund. @DK_Analytics

This article was written by Margaretta Colangelo and Dmitry Kaminskiy.

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