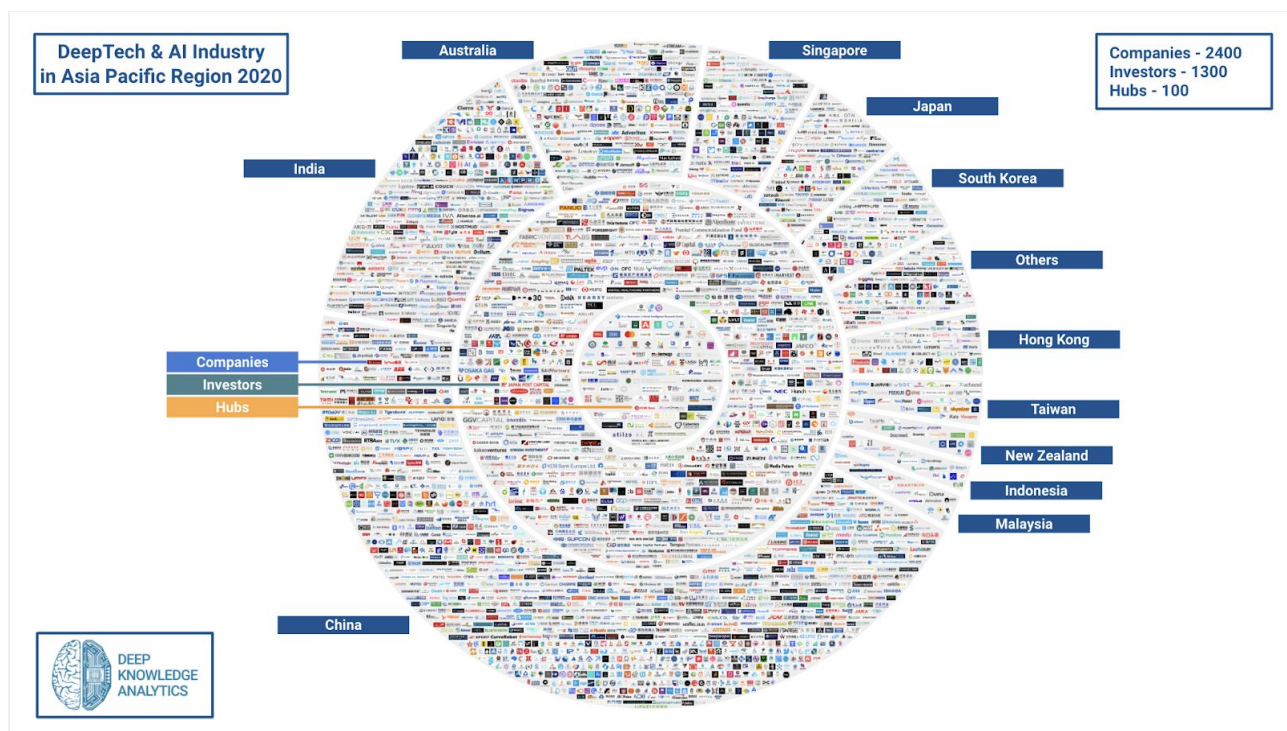


PRESS RELEASE

Future is Asian: DeepTech & Artificial Intelligence Industry Overview 2020 in Asia Pacific Region

New DeepTech & AI in Asia Case Study Aggregates, Categorizes and Visualizes Major Players of DeepTech and Artificial Intelligence Solutions in Asian Pacific Market



January 28th 2021, London, UK - A new open-access Analytical Dashboard and IT-Platform developed by Deep Knowledge Analytics, the flagship DeepTech-focused analytical subsidiary of [Deep Knowledge Group](https://www.dka.global), delivers key insights, trends, and forecasting on the topic of Asia's DeepTech and AI industry and technological ecosystems, featuring a wide variety of interactive mind maps profiling 2400 DeepTech and AI companies, 1300 investors and 100 Hubs via quantitative multidimensional analytics, advanced data visualization and sophisticated IT solutions.

Link to Analytical Dashboard: www.dka.global/deeptech-asia

While some regions in Asia still lag behind the industrialized world in terms of AI adoption and technological sophistication, an increasing number of other Asia Pacific hubs are emerging not

only as regional successes but as world leaders in the AI and DeepTech sphere. The growing, vast and emerging base of skilled AI and DeepTech specialists, rising adoption of cloud computing, freedom from legacy assets, and various proactive government initiatives favouring AI are among the core factors driving rapid growth and diversification in sectors such as financial services, healthcare, transportation, and media.

The analytical dashboard aims to provide a broad analysis of the present state and near-future trajectory of the DeepTech and Artificial Intelligence Industry in Asia Pacific in 2020, with specific emphasis on industry trends and government development initiatives for artificial intelligence. It also identifies the latest technological trends in Asia and provides an overview of underlying economic data, and is structured so as to make plain the development of DeepTech and Artificial Intelligence in Asia, including following countries and regions India, China, Australia, Singapore, Hong Kong, Japan, South Korea, Indonesia and Malaysia.

[“DeepTech & Artificial Intelligence Industry in Asia Pacific Region 2020”](#) provides a broad analysis of the current Asia and Pacific-based DeepTech and Artificial Intelligence landscape, taking into consideration the private sector, with specific focus on the current state of the industry as of the end of 2020 and on providing tangible forecasts and predictive analytics extrapolated from the dashboard’s underlying analysis of trends, tendencies and developmental trajectories.

Key Forecasts and Take-Aways:

- 61% of the world’s population is concentrated in Asia, which is expected to drive substantial increases in AI deployment, adoption and penetration, given the industry’s comparatively early stage of development.
- Together with 5G and other technological developments, online learning will see significant enhancements in the years to come. China’s online education is expected to reach RMB 696 billion in 2023, up by more than two-fold from RMB 294 billion in 2020.
- Cloud computing provides fast connection speeds and doesn’t require maintaining computing infrastructure, driving an expected growth of 15% over the next two years.
- Robots will become easier to program and install as machine learning tools make them more intelligent, functional and capable, which is expected to drive significant growth in the Asian robotics market.
- 5G technology is expected to contribute more than USD 13 trillion to global output by 2035, representing 5% of total global output and generating 22.3 million jobs.

One of the largest players on the continent, China, now leads the world in annual R&D spending, with nearly \$275 billion (just above 2% of GDP), but other Asian regions are also much above the 2% mark, including Japan (\$176 billion), South Korea (\$70 billion) and Singapore (\$13 billion). For comparison, U.S. federal R&D spending is around \$131 billion. While these figures capture a wide range of sectors from biotech to new materials to computer science, all are driven by AI.

As a general conclusion derived from the special analytical case study and accompanying analytical dashboard, and its quantitative analysis of key technological and macroeconomic factors impacting Asia’s ongoing economic, financial and technological growth, is that all major Asian economies are investing heavily in the creation of new opportunities centered on AI and DeepTech-related sectors in order to increase their competitive advantage internationally, and this

combination of strong technological and economic assets combined with Asian national governments' proactive position on AI adoption provide substantial advantages over many Western economies.

About Deep Knowledge Analytics

[Deep Knowledge Analytics](#) is a DeepTech focused subsidiary of Deep Knowledge Group producing analytics on DeepTech and frontier technology industries using sophisticated multi-dimensional frameworks and algorithmic methods that combine quantitative analytics with advanced data visualization and modern IT-solutions to deliver insights, market intelligence, pragmatic forecasting and tangible benchmarking to help industry participants optimize strategic decision making, neutralize challenges and manifest opportunities in the face of the DeepTech industry ecosystem's overwhelming complexity and multidimensionality.

About Deep Knowledge Group

[Deep Knowledge Group](#) is an international consortium of commercial and non-profit organizations focused on the synergetic convergence of DeepTech and Frontier Technologies (AI, Longevity, MedTech, FinTech, GovTech), applying progressive data-driven Invest-Tech solutions with a long-term strategic focus on AI in Healthcare, Longevity and Precision Health, and aiming to achieve positive impact through the support of progressive technologies for the benefit of humanity via scientific research, investment, entrepreneurship, analytics and philanthropy.

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