

AI:10



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HEADLINE NEWS IN A FLASH

- Blockchain and AI Are Set to Transform Financial Markets: Moody's
- AI identifies top predictors of adolescent suicide and self-harm
- Apple is reportedly spending 'millions of dollars a day' training AI
- Oxford scientists develop GPU-accelerated limit order book sim to teach AI how to trade
- Artificial Intelligence: Transforming Healthcare, Cybersecurity, and Communications
- AI predicts chemicals' smells from their structures

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PERSPECTIVES: NEW FRAMEWORK ENCOURAGES COMPANIES TO DISCLOSE INTANGIBLE ASSETS

The launch of the Intangibles Disclosure Framework (IDF) in Singapore is a significant development that promises to reshape the landscape of business reporting and decision-making. Spearheaded by the Intellectual Property Office of Singapore (Ipos) and the Accounting and Corporate Regulatory Authority (Acra), this pioneering framework is a testament to Singapore's commitment to fostering innovation and embracing the digital future.

The IDF provides comprehensive guidelines for companies to identify, disclose, and communicate the value of their intangible assets effectively. These assets, which include brand value, patents, and human capital, often go unnoticed on traditional balance sheets but hold immense worth in today's digital economy.

For CEAI@MYFINB Digital AI assets and its partners, this framework represents a game-changing opportunity. By incorporating intangible assets into their reporting and disclosure practices, they can unlock a wealth of previously unrecognized value. This can lead to better investment decisions, improved risk management, and enhanced competitiveness in the market.

In a world where intangible assets account for more than 90 percent of the value of S&P 500 companies, the importance of this framework cannot be overstated. It aligns perfectly with the shift towards technology and life sciences in Singapore's market, reflecting the evolving nature of business in the digital age.

Moreover, by embracing the IDF, CEAI@MYFINB and its partners have the chance to stand out from their competitors. This forward-thinking approach not only appeals to stakeholders but also opens doors to potential collaborations, financing opportunities, and higher valuations.

As we witness the rise of intangible assets in the digital era, the IDF provides a roadmap for businesses to navigate this new landscape successfully. CEAI@MYFINB Digital AI assets and its partners are well-positioned to leverage the IDF to their advantage, further solidifying their leadership in the digital business consultancy space.

This initiative underscores the adaptability, innovation, and commitment to excellence that define CEAI@MYFINB's approach to serving its clients and partners.

What it means for those who underwent the Certification in Applied AI (CAAI) and DIAL programmes with CEAI@myFinB

Leveraging the IDF Framework for CEAI@myFinb Project Owners

1. Enhanced Valuation: CEAI@myFinb project owners can now leverage the Intangibles Disclosure Framework (IDF) to strengthen the valuation of their projects. By disclosing and communicating the value of intangible assets effectively, projects can be positioned for valuation between \$50,000 to \$500,000. This valuation can be used as paid-up capital, strengthening the financial foundation of the venture.

2. Expert Management: CEAI@myFinb offers expert management services to assist project owners in growing their ventures. With the IDF in place, projects can more accurately reflect their true worth, attracting potential investors and partners.

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3. Equity Crowdfunding: The IDF enables projects to showcase their intangible assets, making them more appealing to potential investors. CEAI@myFinb can help project owners position their ventures for equity crowdfunding. Being part of the AIV50 portfolio enhances credibility and visibility among investors.

4. Institutional Fundraising: The IDF provides a standardized way to communicate the value of intangible assets to institutional investors. Project owners can use this framework to attract institutional funding, potentially leading to opportunities like listing on NASDAQ as part of a pool of companies with AI assets.

5. Alpreneurship: The IDF empowers CEAI@myFinb project owners to enter the world of Alpreneurship. By recognizing the full potential of their intangible assets and leveraging the framework, project owners can build AI ventures that are well-positioned for success in the digital economy.

Terms and conditions apply. CEAI@myFinb is committed to assisting project owners in harnessing the benefits of the IDF framework to maximize the value and potential of their ventures.

“CEAI@MYFINB Digital AI assets and its partners are well-positioned to leverage the IDF to their advantage, further solidifying their leadership in the digital business consultancy space.”



FROM CHINA TO BRAZIL, HERE'S HOW AI IS REGULATED AROUND THE WORLD

Source: [WashingtonPost](#)

Artificial intelligence has moved rapidly from computer science textbooks to the mainstream, generating delights such as the reproduction of celebrity voices and chatbots ready to entertain meandering conversations.

But the technology, which refers to machines trained to perform intelligent tasks, also threatens profound disruption: of social norms, entire industries and tech companies' fortunes. It has great potential to change everything from diagnosing patients to predicting weather patterns — but it could also put millions of people out of work or even surpass human intelligence, some experts say. Last week, the Pew Research Center released [a survey](#) in which a majority of Americans — 52 percent — said they feel more concerned than excited about the increased use of artificial intelligence, including worries about personal privacy and human control over the new technologies.

The proliferation this year of generative AI models such as ChatGPT, Bard and Bing, all of which are available to the public, brought artificial intelligence to the forefront. Now, governments from China to Brazil to Israel are also trying to figure out how to harness AI's transformative power, while reining in its worst excesses and drafting rules for its use in everyday life.

Some countries, including Israel and Japan, have responded to its lightning-fast growth by clarifying existing data, privacy and copyright protections — in both cases clearing the way for copyrighted content to be used to train AI. Others, such as the United Arab Emirates, have issued vague and sweeping proclamations around AI strategy, or launched working groups on AI best practices, and published draft legislation for public review and deliberation.

Others still have taken a wait-and-see approach, even as industry leaders, including OpenAI, the creator of viral chatbot ChatGPT, have urged international cooperation around regulation and inspection.

In [a statement](#) in May, the company's CEO and its two co-founders warned against the “possibility of existential risk” associated with superintelligence, a hypothetical entity whose intellect would exceed human cognitive performance.

“Stopping it would require something like a global surveillance regime, and even that isn't guaranteed to work,” the statement said.

Still, there are few concrete laws around the world that specifically target AI regulation. Here are some of the ways in which lawmakers in various countries are attempting to address the questions surrounding its use.

Brazil

Brazil has a draft AI law that is the culmination of three years of proposed (and stalled) bills on the subject. The document — which was released late last year as part of a 900-page Senate committee report on AI — meticulously outlines the rights of users interacting with AI systems and provides guidelines for categorizing different types of AI based on the risk they pose to society.

China

China has published a draft regulation for generative AI and is seeking public input on the new rules. Unlike most other countries, though, China's draft notes that generative AI must reflect “Socialist Core Values.”

European Union

In June, the European Parliament [voted to approve](#) what it has called “the AI Act.” Similar to Brazil's draft legislation, the AI Act categorizes AI in three ways: as unacceptable, high and limited risk.

HEADLINE NEWS IN A FLASH

BLOCKCHAIN AND AI ARE SET TO TRANSFORM FINANCIAL MARKETS: MOODY'S

Blockchain technologies that underpin crypto could help issuers of financial instruments like bonds reduce financing costs in the next five years, according to a report by credit ratings agency Moody's Investors Service. While incorporating these technologies into businesses could increase IT costs and require "substantial investment" at first, it could help lower expenses over time, the report published Wednesday said. Recent innovations have increased the transformative potential of technologies like artificial intelligence (AI) and distributed ledger technology (DLT) when applied to financial markets, Moody's said. While AI could potentially reduce operating expenses for financial institutions by automating manual tasks, DLT could "gradually lower financing expenses, especially for smaller issuers," according to the report.

Source: [CoinDesk](#)

APPLE IS REPORTEDLY SPENDING 'MILLIONS OF DOLLARS A DAY' TRAINING AI

Apple is investing millions of dollars per day into artificial intelligence, according to a new report from The Information. The company is reportedly working on multiple AI models across several teams. Apple's unit that works on conversational AI is called "Foundational Models," per The Information's reporting. It has "around 16" members, including several former Google engineers. It's helmed by John Giannandrea, Apple's head of AI, who was hired in 2018 to help improve Siri. (Giannandrea has reportedly "expressed skepticism to colleagues about the potential usefulness of chatbots powered by AI language models.") Additional teams at Apple are also working on artificial intelligence, per The Information. A Visual Intelligence unit is developing an image generation model, and another group is researching "multimodal AI, which can recognize and produce images or video as well as text."

Source: [TheVerge](#)

ARTIFICIAL INTELLIGENCE: TRANSFORMING HEALTHCARE, CYBERSECURITY, AND COMMUNICATIONS

The digital ecosystem's networked computer components, which are made possible by machine learning and artificial intelligence, will have a significant impact on practically every sector of the economy. These integrated AI and computing capabilities could pave the way for new frontiers in fields as diverse as genetic engineering, augmented reality, robotics, renewable energy, big data, and more. Three important verticals in this digital transformation are already being impacted by AI: 1) Healthcare, 2) Cybersecurity, and 3) Communications.

Source: [Forbes](#)

AI IDENTIFIES TOP PREDICTORS OF ADOLESCENT SUICIDE AND SELF-HARM

Researchers have used a machine learning algorithm to identify the top factors that can predict an adolescent's risk of self-harm and attempting suicide. They say their model is more accurate than existing risk predictors and could be used to provide individualized care to vulnerable patients. The standard approach for predicting suicide or self-harm relies on past suicide or self-harm attempts as the only risk factor, which can be unreliable. Now, researchers led by the University of New South Wales Sydney have used machine learning (ML) to accurately identify the top factors that place adolescents at increased risk of suicide and self-harm. "Sometimes we need to digest and process a lot of information that would be beyond the ability of the clinician," said Ping-I Daniel Lin, corresponding author of the study. "That's the reason we are tapping into machine learning algorithms."

Source: [NewsAtlas](#)

OXFORD SCIENTISTS DEVELOP GPU-ACCELERATED LIMIT ORDER BOOK SIM TO TEACH AI HOW TO TRADE

A multidisciplinary research team from the University of Oxford recently developed a GPU-accelerated limit order book (LOB) simulator called JAX-LOB, the first of its kind. JAX is a tool for training high-performance machine learning systems developed by Google. In the context of a LOB simulator, it allows artificial intelligence (AI) models to train directly on financial data. The Oxford research team created a novel method by which JAX could be used to run a LOB simulator using only GPUs. Traditionally, LOB sims are run using computer processing units (CPUs). By running them directly on a GPU chain, where modern AI training occurs, AI models are able to skip several communication steps. According to the Oxford team's pre-print research paper, this gives a speed increase of up to 7x.

Source: [CoinTelegraph](#)

AI PREDICTS CHEMICALS' SMELLS FROM THEIR STRUCTURES

An artificial-intelligence system can describe how compounds smell simply by analysing their molecular structures — and its descriptions are often similar to those of trained human sniffers. The researchers who designed the system used it to list odours, such as 'fruity' or 'grassy', that correspond to hundreds of chemical structures. This odorous guidebook could help researchers to design new synthetic scents and might provide insights into how the human brain interprets smell.

A whiff of a memory - Smells are the only type of sensory information that goes directly from the sensory organ — the nose, in this case — to the brain's memory and emotional centres; the other kinds of sensory input first pass through other brain regions.

Source: [Nature](#)



These quotes highlight the potential dangers and benefits of AI. While some leaders are concerned about the potential for AI to harm humanity, others believe that it has the potential to solve some of the world's biggest problems. It is important to remember that AI is a tool, and like any tool, it can be used for good or for evil. It is up to us to ensure that AI is used for the benefit of humanity.

- **Tedros Adhanom Ghebreyesus, Director-General of the World Health Organization:** "AI has the potential to revolutionize healthcare, but we need to make sure that it is used ethically and responsibly. We need to ensure that AI is not used to discriminate against people or to deny them access to healthcare."
- **Christine Lagarde, President of the European Central Bank:** "AI has the potential to transform the financial sector, but we need to make sure that it is used in a way that is safe and transparent. We need to ensure that AI does not lead to financial instability or market abuse."
- **Justin Trudeau, Prime Minister of Canada:** "AI has the potential to create new jobs and opportunities, but we need to make sure that it does not lead to job losses or social unrest. We need to ensure that AI is used to create a more inclusive and equitable society."
- **Naomi Klein, author and activist:** "AI is a powerful tool that can be used for good or for evil. It is up to us to decide how we use it. We need to make sure that AI is used to create a more just and sustainable world, not to further exploit and divide us."
- **Sam Altman, CEO of OpenAI:** "AI is going to change the world in ways that we can't even imagine. It's important that we start thinking about how we want to use this technology, and how we can ensure that it benefits everyone."
- **Ilya Sutskever, co-founder of OpenAI:** "AI is a powerful tool that can be used for good or for evil. It's up to us to decide how we use it. We need to make sure that AI is developed and used in a way that benefits all of humanity."
- **Demis Hassabis, CEO of DeepMind:** "AI is going to change the world in ways that we can't even imagine. It's important that we start thinking about how we want to use this technology, and how we can ensure that it benefits everyone."
- **Yann LeCun, Chief AI Scientist at Meta:** "AI is the new electricity. It's going to change everything. We need to make sure that we use AI wisely and ethically."

MORE THAN 10,000 ENTERPRISES ASSISTED
FROM 21 COUNTRIES SINCE 2013.

AI ADVISOR TO SCALE YOUR BUSINESS



In the post-COVID-19 era, small and medium-sized enterprises (SMEs) face significant challenges in recovering and adapting to the new world order. To navigate these uncertain times, SMEs should consider taking the following steps and pursuing strategies supported by new AI-based digital strategies as part of a Business Model 2.0:

CHART YOUR BUSINESS WITH AI-POWERED TOOLS

THE DELIVERABLES:



Financial
Strategy
Report



3-min
Financial
Review
Podcast



Market
Scanning
Report



1-hour One-
on-One
Discussion x 1



Matrix
Business
Strategy



<https://ceaiglobal.com/restore-rebuild-programme/>

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