MARCH 2023 | ISSUE #111

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Young Women in AI & Technology

GET INSIGHTS ON AI UNDER 10 MINUTES

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HEADLINE NEWS IN A FLASH

- How Generative AI Will Change Sales
- Al Could Set a New Bar for Designing Hurricane-Resistant Buildings
- Bloomberg unveils finance-focused AI model Bloomberg GPT
- Al will soon become impossible for humans to comprehend the story of neural networks tells us why
- ChatGPT sparks investment frenzy and soul searching in China's artificial intelligence drive
- The European Union's Artificial Intelligence Act, explained





Kuala Lumpur, Malaysia, 20 March 2023 – In an era where technology and automation are transforming industries at a breakneck pace, young workers in Malaysia face the challenge of keeping up with the ever-evolving job market. To address this concern, experts suggest that educating the younger generation on AI is key to future-proofing the workforce.

In a workshop held at the Centre for Al Innovation (Malaysia) called "Employers vs Tik-Tok and GPT Generation", it was shared by a panel comprising of industry practitioners and academicians on the process of equipping today's unique generation with the necessary skills and knowledge to understand and use Artificial Intelligence, which is rapidly gaining traction globally. According to a recent report by the World Economic Forum, over 80% of business leaders believe AI will significantly change the way they work and 67% believe that AI and automation will create new jobs in their businesses. Here's a recap on the recent fireside chat session organized by CEAI@Malaysia

"Al education is a crucial aspect of futureproofing Malaysia's workforce," said Tan Sri Dr Mohd Daud Bakar, the Chairman of CEAI (Malaysia). "By equipping young people with the necessary skills and knowledge to use AI, we are setting them up for success in a world that is becoming increasingly reliant on technology."

"The benefits of AI education are numerous. It not only prepares students for a world that is increasingly being shaped by technology but also opens up new career opportunities. With the rise of AI, the demand for professionals with AI skills is expected to increase significantly in the coming years."



02



"Al is not going away, and neither is automation," he added. "It is critical that our young workforce is well-equipped with the skills necessary to succeed in the digital age."

In addition to the government's efforts, several private institutions have also taken the lead in AI education. In an exciting development for the future of AI education in Malaysia, the Centre for AI Innovation @MyFinB, Transformational Innovative Maverick (TIM), and MindGrowth Solutions have signed an MOU to collaborate on AI education initiatives. The signing ceremony took place on 20 March at MyFinB's operational headquarters in Kuala Lumpur.

The MOU outlines the parties' commitment to collaborate on various AI education initiatives, including the development of AIrelated curriculum, training programs, and workshops. The partnership aims to equip Malaysians with the necessary skills and knowledge to understand and use AI, thus future-proofing the workforce and fostering innovation.

"The Centre for AI Innovation @MyFinB is committed to leveraging AI to drive innovation and create value for our customers and partners," said Prof M Nazri, the Founder and CEO of MyFinB. "We believe that AI education is key to unlocking the full potential of Malaysia's young workforce and driving the country's digital transformation." "We are excited to collaborate with TIM and MindGrowth Solutions to enhance AI education in Malaysia," he added. "As a group that specializes in AI solutions, we recognize the potential of AI education to transform the future of work and the economy. We look forward to working together to create a future-ready workforce."

The MOU signing comes at a critical time for Malaysia, with the government and private institutions recognizing the importance of Al education. The collaboration between the Centre for Al Innovation @MyFinB, TIM, and MindGrowth Solutions will further enhance the efforts to equip Malaysians with Al skills, creating a talent pipeline that can drive innovation and contribute to the country's growth.

"We are thrilled to partner with MyFinB and MindGrowth Solutions to promote Al education in Malaysia," said Dr Timothy Law, Founder of TIM. "The demand for Al skills is rapidly growing, and it is crucial that Malaysians are equipped with the necessary skills to succeed in the future economy. This partnership represents a significant step towards achieving that goal."

The collaboration will leverage the strengths of each organization, with MyFinB providing its expertise in AI solutions and TIM and MindGrowth Solutions offering their experience in corporate training, in particular, carrying out train-the-trainer (TTT) programmes.

"We believe that AI education is critical to building a better future for Malaysians," said Sonny Nizam, the Founder of MindGrowth Solutions. "By collaborating with MyFinB and TIM, we hope to create innovative AI education programs that are accessible and engaging for all Malaysians."

The MOU signing between the Centre for AI Innovation @MyFinB, Transformational Innovative Maverick (TIM), and MindGrowth Solutions represents a significant step towards promoting AI education in Malaysia. government With the and private institutions recognizing the importance of AI education, the collaboration aims to create a talent pipeline that can drive innovation and future-proof the workforce.

Source: CEAI@Malaysia

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INDUSTRY FOCUS 🗸



ELON MUSK AND TO AI RESEARCHERSCA FOR PAUSE ON GIAN AI EXPERIMENTS

Source: The Verge

A number of well-known AI researchers — and Elon Musk — have signed an open letter calling on AI labs around the world to pause development of large-scale AI systems, citing fears over the "profound risks to society and humanity" they claim this software poses.

The letter, published by the nonprofit Future of Life Institute, notes that AI labs are currently locked in an "out-of-control race" to develop and deploy machine learning systems "that no one — not even their creators — can understand, predict, or reliably control."

"Therefore, we call on all AI labs to immediately pause for at least 6 months the training of AI systems more powerful than GPT-4," says the letter. "This pause should be public and verifiable, and include all key actors. If such a pause cannot be enacted quickly, governments should step in and institute a moratorium."

Signatories include author Yuval Noah Harari, Apple co-founder Steve Wozniak, Skype co-founder Jaan Tallinn, politician Andrew Yang, and a number of well-known AI researchers and CEOs, including Stuart Russell, Yoshua Bengio, Gary Marcus, and Emad Mostaque. The full list of signatories can be seen here, though new names should be treated with caution as there are reports of names being added to the list as a joke (e.g. OpenAI CEO Sam Altman, an individual who is partly responsible for the current race dynamic in AI).

The letter is unlikely to have any effect on the current climate in Al research, which has seen tech companies like Google and Microsoft rush to deploy new products, often sidelining previously-avowed concerns over safety and ethics. But it is a sign of the

growing opposition to this "ship it now and fix it later" approach; an opposition that could potentially make its way into the political domain for consideration by actual legislators.

As noted in the letter, even OpenAl itself has expressed the potential need for "independent review" of future Al systems to ensure they meet safety standards. The signatories say that this time has now come.

"Al labs and independent experts should use this pause to jointly develop and implement a set of shared safety protocols for advanced Al design and development that are rigorously audited and overseen by independent outside experts," they write. "These protocols should ensure that systems adhering to them are safe beyond a reasonable doubt."

At Tesla's Investor day, Elon Musk's company pulled the curtain back on its latest Master Plan 3.0, as well as details about its plans to grow to "extreme size."



HEADLINE NEWS IN A FLASH

HOW GENERATIVE AI WILL CHANGE SALES

Last month, Microsoft fired a powerful salvo by launching Viva Sales, an application with embedded generative AI technology designed to help salespeople and sales managers draft tailored customer emails, get insights about customers and prospects, and generate recommendations and reminders. A few weeks later, Salesforce (the company) followed by launching Einstein GPT. Sales, with its unstructured, highly variable, people-driven approach, has been a laggard behind functions such as finance, logistics, and marketing when it comes to utilizing digital technologies. But now, sales is primed to quickly become a leading adopter of generative AI — the form of artificial intelligence used by OpenAI (the company behind ChatGPT) and its competitors. Al-powered systems are on the way to becoming every salesperson's (and every sales manager's) indispensable digital assistant.

Source: HBR

BLOOMBERG UNVEILS FINANCE-FOCUSED AI MODEL BLOOMBERG GPT

Bloomberg, a leading financial data services provider, this week unveiled a new artificial intelligence (AI) model that aims to revolutionize the finance industry in the same way programs like OpenAl's ChatGPT are set to radically transform written communications. A research paper released by the company Thursday details the development of BloombergGPT, a new large language model (LLM) that has been trained on a massive amount of financial data to assist with a variety of natural language processing (NLP) tasks within the financial industry. In plain English, Blooomberg GPT is an advanced machine learning software that can rapidly analyze financial data to assist with making risk assessments, judge financial sentiment, and potentially even automate accounting and auditing tasks and more. The complexity and unique terminology of the financial industry requires an AI that is specifically trained with financial datasets, Bloomberg said in a release. BloombergGPT will have access to the vast quantity of data available on the Bloomberg Terminal Source: FoxBusiness

CHATGPT SPARKS INVESTMENT FRENZY AND SOUL SEARCHING IN CHINA'S ARTIFICIAL **INTELLIGENCE DRIVE**

When the world first witnessed the power of OpenAI's conversational bot ChatGPT late last year, one social media post quickly went viral in China, attempting to explain why this artificial intelligence (AI) breakthrough did not happen in the country. The most widely-shared answer, provided by an anonymous author, was that Chinese technology firms were just too short-sighted to bear the cost of long-term investment, choosing instead to rush towards technologies that can be quickly commercialised. "When the kid next door publishes a revolutionary doctorate paper, don't ask why that kid is so smart," it said. "You also have a smart kid in your house, but instead of supporting his study, you asked him to make quick money while he was still able to perform manual labour." Many netizens find the metaphor apt in describing the root of China's technological shortcomings. Despite strong policy and financial support by the state, as well as ample private investment, the country has been unable to beat the US to the punch in creating a cutting-edge AI chatbot like ChatGPT ©2023, MyFinB Group & CEAI

Source: Yahoo

AI COULD SET A NEW BAR FOR DESIGNING HURRICANE-RESISTANT BUILDINGS

Being able to withstand hurricane-force winds is the key to a long life for many buildings on the Eastern Seaboard and Gulf Coast of the U.S. Determining the right level of winds to design for is tricky business, but support from artificial intelligence may offer a simple solution. Equipped with 100 years of hurricane data and modern AI techniques, researchers at the National Institute of Standards and Technology (NIST) have devised a new method of digitally simulating hurricanes. The results of a study published today in Artificial Intelligence for the Earth Systems demonstrate that the simulations can accurately represent the trajectory and wind speeds of a collection of actual storms. The authors suggest that simulating numerous realistic hurricanes with the new approach can help to develop improved guidelines for the design of buildings in hurricane-prone regions. Source: nIST.GOV

AI WILL SOON BECOME IMPOSSIBLE FOR HUMANS TO COMPREHEND - THE STORY OF **NEURAL NETWORKS TELLS US WHY**

In 1956, during a year-long trip to London and in his early 20s, the mathematician and theoretical biologist Jack D. Cowan visited Wilfred Taylor and his strange new "learning machine". On his arrival he was baffled by the "huge bank of apparatus" that confronted him. Cowan could only stand by and watch "the machine doing its thing". The thing it appeared to be doing was performing an "associative memory scheme" it seemed to be able to learn how to find connections and retrieve data. It may have looked like clunky blocks of circuitry, soldered together by hand in a mass of wires and boxes, but what Cowan was witnessing was an early analogue form of a neural network - a precursor to the most advanced artificial intelligence of today, including the much discussed ChatGPT with its ability to generate written content in response to almost any command. ChatGPT's underlying technology is a neural network. As Cowan and Taylor stood and watched the machine work, they really had no idea exactly how it was managing to perform this task. The answer to Taylor's mystery machine brain can be found somewhere in its "analog neurons", in the associations made by its machine memory and, most importantly, in the fact that its automated functioning couldn't really be fully explained. Source: TheCOnversation

THE EUROPEAN UNION'S ARTIFICIAL **INTELLIGENCE ACT, EXPLAINED**

The European Union (EU) is considering a new legal framework that aims to significantly bolster regulations on the development and use of artificial intelligence. The proposed legislation, the Artificial Intelligence (AI) Act, focuses primarily on strengthening rules around data quality, transparency, human oversight and accountability. It also aims to address ethical questions and implementation challenges in various sectors ranging from healthcare and education to finance and energy. "[Al] has been around for decades but has reached new capacities fueled by computing power," Thierry Breton, the EU's Commissioner for Internal Market, said in a statement. The Artificial Intelligence Act aims to "strengthen Europe's position as a global hub of excellence in AI from the lab to the market, ensure that AI in Europe respects our values and rules, and harness the potential of AI for industrial use." The cornerstone of the AI Act is a classification system that determines the level of risk an AI technology could pose to the health and safety or fundamental rights of a person. The framework includes four risk tiers: unacceptable, high, limited and minimal. Source: WEFORUM





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Ep 1: April 5th, 2023 Ep 2: April 12th, 2023 Ep 3: April 19th, 2023

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Who are we?

Y:WAIT is a student-led organisation built to support young women in STEM involved in the application of AI, Sciences and Technology in the work we do.

What can you expect?

- Global mentorship and advisory network
- Company visits catered to young students interested in pursuing careers in the technology industry
- Seminars and webinars with esteemed speakers from all over the globe
- Nationwide & Gglobal competitions/hackathons designed to encourage innovation in AI, especially for female youths

What is our purpose?

Raise awareness and promote interest about young women in STEM, create new and innovative ideas, build connections and partnerships within the industry and form new ventures that create impact; a movement that encourages the question: why wait?

https://ceaiglobal.com/ywait/



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MyFinB is an award-winning tech company that specializes in artificial intelligence. The company developed its own natural language platform with predictive and prescriptive narrative capabilities – a niche area that differentiates itself from any others. MyFinB helps people understand and communicate what is most important in their data. By transforming data into insightful, human-like language, the company's natural language technology enables people to be data-driven and make better decisions, focus talent on higher-value opportunities, and create differentiated products.

. Website: www.mvfinb.com Email: enauirv@mvfinb.com

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AIV50 is a tech venture company with a portfolio of 50 AI assets in 10 key verticals. The special purpose company forms part of a joint incubation and venture building project by MyFinB Group (MFB) and VSC Portfolio Investments (VSCPI).

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Website: www.tafgai.com



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The Suryadatta Education Foundation, SEF, is a charitable trust registered with the Registrar of Societies, Government of Maharashtra. The Suryadatta Group of Institutes was established in the year 1999, with the blessing of Late Smt Ratanbai & Shri Bansilalji Chordiya in Pune - The Oxford of East.

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Website: www.ediindia.org

WOMEN ENTREPRENEURSHIP CELL

KADI SARVA VISHWAVIDYALAYA

Women Entrepreneurship Cell under Kadi Sarva Vishwavidyalaya (KSV), managed by Sarva Vidyalaya Kelavani Mandal, Kadi and Gandhinagar, Gujarat, India, established in 2016, to ignite th of Entrepreneurship amongst our students. In the current era, countries should create more support systems for encouraging entrepreneurship among students. At the same time, it is t gender equality to break oway from stereotyped mindsets.

ship Cell Website: www.wecksv.org



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Kadi Sarva Vishwavidyalaya is a University established vide Gujarat State Government Act 21 of 2007 in May 2007 and approved by UGC (ref F. 9-18/2008(cpp-1) March 19,2009). The University has been established by Sarva Vidyalaya Kelavani Mandal to achieve the following objectives: To provide need-based education and develop courses of contemporary relevance. To be a University of excellence by providing research-based activities which would foster higher economic growth. To provide education to all irrespective of caste, creed, religion etc. The University has at present 19 Constituent Colleges/Departments at Gandhinagar and Kadi.

Website: www.ksv.ac.in

BE PHENOMENAL



Dr. Rachana specialized in Cosmetic Dentistry from State University of New York. After rendering her services to the medical field and its beneficiaries for a decade, she decided to contribute to her family business when she did her MBA from Nirma University with Gold Medal. Furthering the growth of human centric business approach, she successfully completed her course in Executive Education in Design Thinking from Stanford University.



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MyFinB is an award-winning tech company that specializes in artificial intelligence. The company developed its own natural language platform with predictive and prescriptive narrative capabilities - a niche area that differentiates itself from any others.

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The Centre for AI Innovation (CEAI) forms part of MyFinB Venture's portfolio of innovative, disruptive projects to guide and support the digital transformation initiatives by organisations and business innovators.



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