

AI:10



CE.A.I.
Centre for AI Innovation
powered by MyFinB



Y:WAIT

Young Women in AI & Technology

HEADLINE NEWS IN A FLASH

- Amazon to add ChatGPT-like search, joining Google and Microsoft in generative AI race
- The Importance of Social Skills in the Age of Artificial Intelligence
- ChatGPT is about to revolutionize cybersecurity
- Watch 44 million atoms simulated using AI and a supercomputer
- AI matches human performance at developing good test questions
- Couple Uses Artificial Intelligence To Redesign Backyard: 'AI Is Truly Gonna Take Over So Many Jobs'

AI

INDUSTRY FOCUS

THE HIGH-STAKES GEOPOLITICS OF AI CHIPS

THE HIGH-STAKES GEOPOLITICS OF AI CHIPS

Source: [Radical.vc](#)

The geopolitics of AI chips is a critical and multifaceted issue that has sweeping implications for both the global tech industry and international relations. The possibility of export restrictions on high-end AI chips has raised concerns that nations with limited access to these resources will fall behind. As technology continues to advance, the future geopolitical landscape may be shaped by the shifting dynamics of who has access to high-performance AI chips. In short, staying ahead of the curve on AI could prove to be one of the most critical challenges facing the international community in the years and decades ahead. Radical Ventures Partner Rob Toews published an article in *Forbes* last week discussing the current chip landscape and its importance for the future of Artificial Intelligence. This week we share a brief excerpt from the article.

The following statement is utterly ludicrous. It is also true. The world's most important advanced technology is nearly all produced in a single facility. What's more, that facility is located in one of the most geopolitically fraught areas on earth—an area in which many analysts believe that war is inevitable within the decade. The future of artificial intelligence hangs in the balance.

The Taiwan Semiconductor Manufacturing Company (TSMC) makes all of the world's advanced AI chips. Most importantly, this means Nvidia's GPUs; it also includes the AI chips from Google, AMD, Amazon, Microsoft, Cerebras, SambaNova, Untether and every other credible competitor. Modern artificial intelligence simply would not be possible without these highly specialized chips. Neural networks—the basic algorithmic architecture that has powered every important AI breakthrough over the past decade, from AlphaGo to AlphaFold to Midjourney to ChatGPT—rely on these chips.

None of the breathtaking advances in AI software currently taking the world by storm would be possible without this hardware.

Little surprise, then, that *Time Magazine* described TSMC as “the world's most important company that you've probably never heard of.” Nvidia CEO Jensen Huang put it more colorfully, leaving little doubt about how important TSMC is to the future of AI: “Basically, there is air—and TSMC.”

TSMC's chip fabrication facilities, or “fabs”—the buildings where chips are physically built—sit on the western coast of Taiwan, a mere 110 miles from mainland China.

Today, Taiwan and China are nearer to the brink of war than they have been in decades. With tensions escalating, China has begun carrying out military exercises around Taiwan of unprecedented scale and intensity. Many policymakers in Washington predict that China will invade Taiwan by 2027 or even 2025.

A China/Taiwan conflict would be devastating for many reasons. One underappreciated consequence is that it would paralyze the global AI ecosystem. Put simply, the entire field of artificial intelligence faces an astonishingly precarious single point of failure in Taiwan. Amid all the fervor around AI today, this fact is not widely enough appreciated. If you are working on or interested in AI, you need to be paying attention.

AI WILL HELP US LEAD MORE HUMAN- CENTRIC LIVES. HERE'S WHY



Source: WEFForum.org

- The AI revolution will free humans up for more creative and intellectually fulfilling activities.
- Humans are more adept in tasks involving emotional intelligence, which will be increasingly prized.
- We must understand how to work most productively alongside AI.

“Will ChatGPT take our jobs?” is often the very first question I’m asked by people searching for guidance on how artificial intelligence will impact our daily lives. Based on all the headlines we’re seeing about the proliferation of AI, in particular conversational chatbots and ChatGPT, the answer seems to catch some people by surprise: No ... at least not yet and not in its current form. Though nobody (including those who are so eager to predict it) has any data on the future, if past technological revolutions are of any guidance, we can expect to see short-term disruption and uncertainty, followed by subsequent improvements. Indeed, we should be excited about the potential benefits of this AI revolution, notably the prospect of freeing humans to deploy their brains on more creative and intellectually fulfilling activities. Importantly, the AI age is still in its infancy – the internet equivalent of “dial-up”; we haven’t reached the wifi phase yet. ChatGPT, and more broadly AI, may well incentivize us to create and harness the intellectual equivalent of slow food; a healthier, more nutritious diet for our curiosity and hungry mind, rather than the quick fix we may get from fast food, even if most of the time we do consume fast food.

IQ vs. EQ

We have to face one potentially harsh reality: AI will probably win the battle for IQ against humans. It may have already happened. But what AI cannot do involves the key components that comprise emotional intelligence. EQ – skills such as empathy, consideration,

kindness, self-awareness, self-control and caring for others – will remain 100% human qualities. We’ll need to continue to cultivate them. There will be a lot of need for human and humane validation in an age in which so much of our time is spent interacting with machines.

Curiosity is a fundamental human trait that drives innovation and progress. It is the curiosity of the human mind that has led to remarkable discoveries and breakthroughs throughout history. As we embrace AI and immersive technologies, it is vital to encourage and nurture curiosity in ourselves and others. This includes asking questions, challenging assumptions, and seeking new ways of thinking and problem-solving. Curiosity allows us to explore the unknown, adapt to change, and continuously learn and grow.

Creativity is another essential human skill that sets us apart from machines. It is the ability to think imaginatively and come up with new ideas, solutions and perspectives. While AI can analyze data and generate outputs based on patterns, it lacks the creativity and originality that humans possess. People that showcase human ingenuity and the power of creativity in their use of AI have the opportunity to make their jobs and lives more interesting because they are automating parts that were very boring and very repetitive, finding it’s helping to make them more productive.



HEADLINE NEWS IN A FLASH

AMAZON TO ADD CHATGPT-LIKE SEARCH, JOINING GOOGLE AND MICROSOFT IN GENERATIVE AI RACE

[Amazon.com](#) plans to bring ChatGPT-style product search to its web store, rivalling efforts by [Microsoft Corp](#) and [Google](#) to weave generative artificial intelligence (AI) into their search engines. The [e-commerce](#) giant's ambitions appear in recent job postings reviewed by Bloomberg News. One listing seeking a senior software development engineer says the company is "reimagining Amazon Search with an interactive conversational experience" designed to help users find answers to questions, compare products and receive personalised suggestions. "We're looking for the best and brightest across Amazon to help us realise and deliver this vision to our customers right away," the company said in the listing, which was posted on its jobs board last month. "This will be a once in a generation transformation for Search."

Source: [The Business Times](#)

CHATGPT IS ABOUT TO REVOLUTIONIZE CYBERSECURITY

When I started in cybersecurity as a junior analyst, I was responsible for detecting fraud and security events using Splunk, a security information and event management (SIEM) tool. Splunk has its own language, Search Processing Language (SPL), which can increase in complexity as queries get more advanced. That context helps to understand the power of ChatGPT, which has already learned SPL and can turn a junior analyst's prompt into a query in just seconds, significantly lowering the bar for entry. If I asked ChatGPT to write an alert for a brute force attack against Active Directory, it would create the alert and explain the logic behind the query. Since it's closer to a standard SOC-type alert and not an advanced Splunk search, this can be a perfect guide for a rookie SOC analyst. Another compelling use case for ChatGPT is automating daily tasks for an overextended IT team. In nearly every environment, the number of stale

Source: [VentureBeat](#)

AI MATCHES HUMAN PERFORMANCE AT DEVELOPING GOOD TEST QUESTIONS

Researchers have developed an artificial intelligence (AI) model that can generate online course assessment questions that instructors found indistinguishable from questions written by humans. The new AI is called QUADL, and it does two things: it identifies key terms and ideas in instructional texts, and then crafts questions that focus on those terms and ideas. "We provide QUADL with the courseware contents and the learning objectives for the curriculum, and QUADL can then develop questions that help students achieve those learning objectives," says Noboru Matsuda, associate professor of computer science at North Carolina State University and co-author of a paper on the work. "Humans are good at developing courses, but in interviews with instructors and courseware developers, we found that they often struggle to develop questions that are effective at assessing student progress on the learning objectives for those courses," says Machi Shimmei, a Ph.D. student at NC State and first author of the paper. "Our study suggests QUADL can be a useful tool for instructors and course developers."

©2023, MyFinB Group & CEAI

Source: [TechxPlore](#)

THE IMPORTANCE OF SOCIAL SKILLS IN THE AGE OF ARTIFICIAL INTELLIGENCE

A new study by the Singapore Management University (SMU) examines the effects of equity analysts' social skills on their performance and career advancements and finds significant and positive effects of social skills. The findings support the growing importance of social skills, for which there is still no good substitute in the age of artificial intelligence, and highlights the importance of social skills training in school and workplace. Social skills comprise two elements: (1) specific proficiencies or behaviours that play a role in establishing relationships with others and (2) competencies that assist individuals to interact effectively with others. Recent studies suggest that social skills are important in the labour market. For example, in the U.S., jobs that require high levels of social skills grew by 11.8 percent between 1980 and 2012. Consistently, better social skills are associated with greater labour market returns, partly because of the inability of newer technologies to replace the jobs that require social skills. In contrast, jobs that require high levels of technical skills but low levels of social skills declined by 3.3 percent between 1980 and 2012, and the decline was more pronounced after 2000.

Source: [News-SMU](#)

WATCH 44 MILLION ATOMS SIMULATED USING AI AND A SUPERCOMPUTER

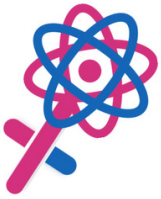
The most accurate simulation of objects made from tens of millions of atoms has been run on one of the world's top supercomputers with the help of artificial intelligence. Existing simulations that describe in detail how atoms behave, interact and evolve are limited to small molecules, because of the computational power needed. There are techniques to simulate much larger numbers of atoms through time, but these rely on approximations and aren't accurate enough to extract many detailed features of the molecule in question. Now, [Boris Kozinsky](#) at Harvard University and his colleagues have developed a tool, called Allegro, that can accurately simulate systems with tens of millions of atoms using artificial intelligence. Kozinsky and his team used the world's 8th most powerful supercomputer, Perlmutter, to simulate the 44 million atoms involved in the protein shell of HIV. They also simulated other common biological molecules such as cellulose, a protein missing in people with haemophilia and a widespread tobacco plant virus.

Source: [NewScientist](#)

COUPLE USES ARTIFICIAL INTELLIGENCE TO REDESIGN BACKYARD: 'AI IS TRULY GONNA TAKE OVER SO MANY JOBS'

Internet users have a world of possibilities in front of them now that Chat GPT has stepped into the mainstream. People have used it to do assignments, create meal plans and even run their businesses. Now, [TikTokers](#) are using artificial intelligence (AI) to power their creativity when it comes to interior design. "Revamping our courtyard with the help of AI," Machaj wrote in her post. With the website, users input a theme they'd like to see and what kind of room the space is before uploading a picture of their current space. Then, roomgpt.io puts the AI-generated room side-by-side with the original space. Using AI to redesign a room is a popular trend on [TikTok](#), with the hashtag #roomgpt accredited with over 4.5 million views. Of the 1.9 million viewers of Machaj's video, there were mixed reviews of the website. Roomgpt.io also allows users to gain inspiration from its interior design page, which gives a list of potential rooms to choose from and a long list of design styles. This technology is a step further than the augmented reality software many shopping sites have.

Source: [CBSNews](#)



Y:WAIT

Young Women in AI and Technology

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

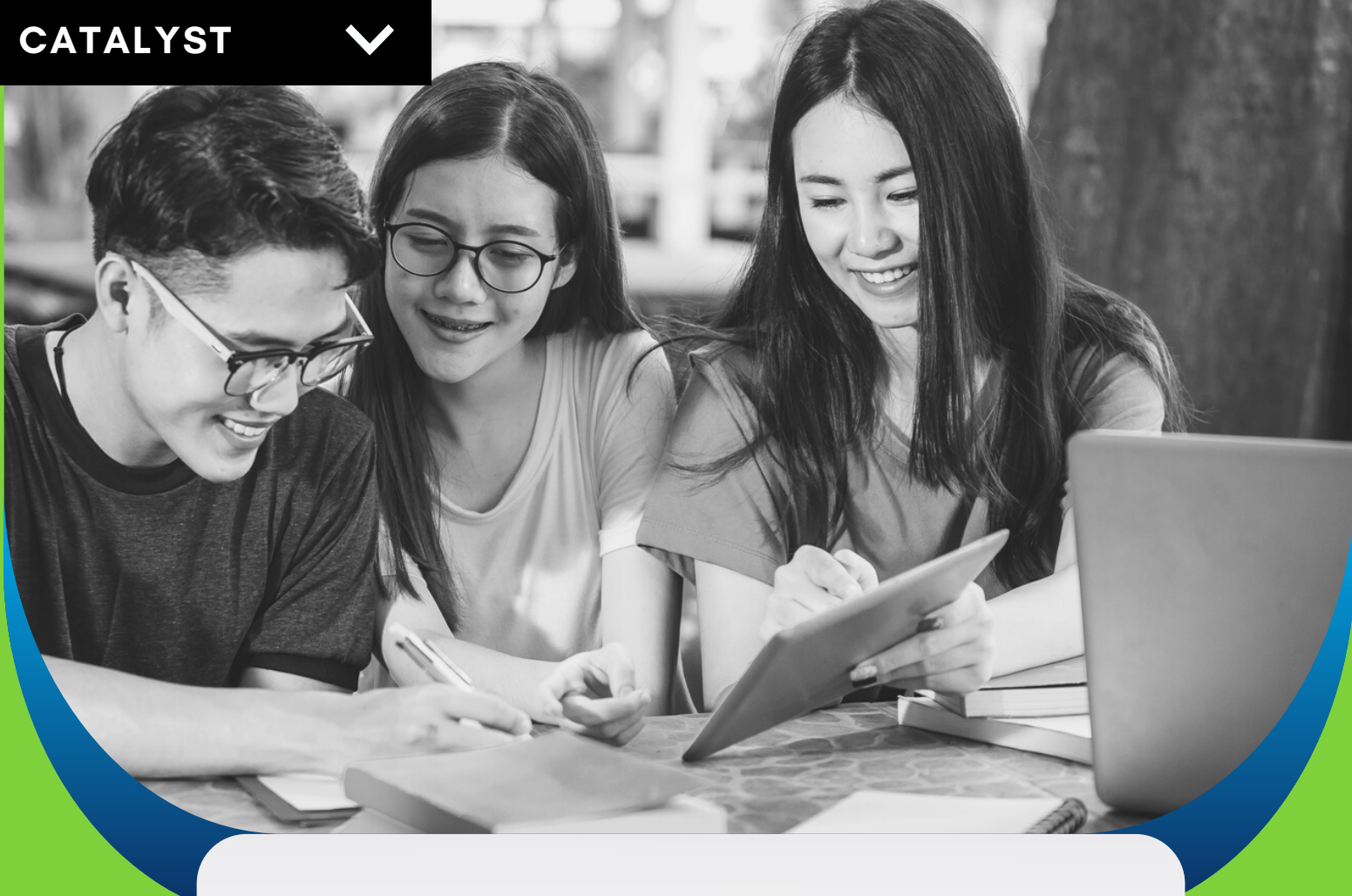
What is our purpose?

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/>



YWAIT.CO@GMAIL.COM
KIERA@CEAIGLOBAL.COM



PROFESSIONAL CERTIFICATE IN

Applied Analytics

A 3-month online programme with guided exposure to a portfolio of industry projects using AI/analytics

SIGN UP NOW!

More information

<https://ceaiglobal.com/pc-applied-analytics>

Registration :

<https://myfinb.com/product/pcaa/>





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

Helping SMEs Turn Plans Into Reality



Enterprises are hit hard financially due to Covid-19. Their existing business models need an overhaul to deal with the new world order. Access to quality experts may be costly and difficult. As the crisis puts a curb on sales activities, organisations must drive cost optimisation, production capacity and cash conservation to maintain financial health.

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





INVEST IN *A.I. ventures*

FOR 2023

IPO &
M&A

2-5X
EXIT

12-24
MONTHS

For further details, please email

Read the official announcement here

→ VENTURES@AIV50.COM

→ [HTTPS://BIT.LY/AIV50-FUNDS](https://bit.ly/AIV50-FUNDS)





MYFINB.COM

MYFINB

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.myfinb.com Email: enquiry@myfinb.com



AIV50

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).

Website: www.aiv50.com Email: ventures@aiv50.com



TAFGAI

THE ACCOUNTING AND FINANCE GROUP IN AI (TAFGAI)

TAFGAI is set up to help accounting firms and infuse their operations with our proprietary AI expert systems. The immediate goal is to transform their businesses, making them leaner, more tech-proficient and value adding to their clients using AI in 10 key areas. This will have the effect of positive revaluation of the firms, with healthy topline and bottomline along with a decent multiplier.

Website: www.tafgai.com



SOCIAL FINANCE USING APPLIED ANALYTICS (SOFINAA)

Sofinaa addresses the primary issue faced by social welfare agencies, public agencies and organisations that channel funds to help those facing socioeconomic challenges. Sofinaa provides analytical insights using AI to evaluate cases and measure how the funds have been effectively utilised – including the impact these have contributed to the beneficiaries' well-being. Sofinaa enhances transparency, accountability and generate insights relating to social return on investments.

Website: www.myfinb.com/sofinaa



GLOBAL CHAMBER

Global Chamber's vision is a world where doing cross metro and cross border business is as easy as selling across the street. It also provides members with virtual connections, training, and information just right to grow... helping members connect with customers, partners and experts to grow across metros and borders. When members engage with Global Chamber, risk is reduced, and growth accelerates.

Website: www.globalchamber.org



KNOWLEDGE CHAMBER OF COMMERCE AND INDUSTRY

KCCI is a non-government, not-for-profit organization registered under the Central Government's Ministry of Corporate Affairs playing a proactive role in India's development process and become a knowledge voice of India's business and industry.

Website: www.knowledgechamber.org Email: info@knowledgechamber.org



SURYADATTA EDUCATION FOUNDATION

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 Chordia in Pune – The Oxford of East.

Website: www.suryadatta.org Email: info@suryadatta.edu.in



YUDIZ SOLUTIONS LTD

An ISO 9001:2015 certified IT development company, Yudiz is an ideal digital transformation and technology services company for your needs. Right from ideation to execution, we have consistently delivered the competitive edge in the form of robust, fore-sighted, and qualitative solutions. Awarded as the best mobile app development company in Gujarat in 2015 by GESIA.

Website: www.yudiz.com



FEDERATION OF INDIAN CHAMBERS OF COMMERCE & INDUSTRY (FICCI)

Established in 1927, FICCI is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence, its industrialization, and its emergence as one of the most rapidly growing global economies. A non-government, not-for-profit organisation, FICCI is the voice of India's business and industry.

Website: www.ficci.in



ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

- A National Resource Institute in Entrepreneurship Education, Research, Training & Institution Building. Promoted by IDBI Bank Ltd; IFCI Ltd, ICICI Ltd, SBI and Govt. of Gujarat.
- Pioneered the Entrepreneurship Development Programme (EDP) Model.
- Ranked as Number 1 by Atal Ranking of Institutions on Innovation Achievements (ARIIA) – 2021 in General (Non-Technical) Category. The only institute from Gujarat to be ranked as Number 1 across all seven categories.

Website: www.ediindia.org



WOMEN ENTREPRENEURSHIP CELL

Women Entrepreneurship Cell under Kadi Sarva Vishwavidyalaya (KSV), managed by Sarva Vidyalaya Kelavani Mandal, Kadi and Gandhinagar, Gujarat, India, established in 2016, to ignite the spirit 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 to foster gender equality to break away from stereotyped mindsets.

Website: www.wecksv.org



KADI SARVA VISHWAVIDYALAYA

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.

Website: bephenomenal.co.in

PARTNERS



MYFINB.COM



MyFinB



myfinb-group



@MyFinBGroup

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.



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.



'The AI World Summit: Where Innovators & Disruptors Meet to Challenge Limits' brings together the global AI community from a range of businesses, science and tech to go beyond the buzz and hype, discuss the most burning AI issues, share their developments, successes, challenges, and the resultant impact on their businesses.

CONTACT US



MALAYSIA

MyFinB (M) Sdn. Bhd.

Level 13A, Menara
Tokio Marine 189 Jalan
Tun Razak, Hampshire
Park, 50450 Kuala
Lumpur, Malaysia.

Tel: +60 327 173 418



SINGAPORE

**MyFinB Holdings
Pte. Ltd.**

One Marina
Boulevard, Level 20,
Singapore 018989

Tel: +65 6942 2658