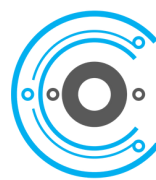


AI:10



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Y:WAIT

Young Women in AI & Technology

GET INSIGHTS ON AI UNDER 10 MINUTES

INDUSTRY FOCUS

**80% OF
WORKERS COULD
SEE THEIR JOBS
IMPACTED BY AI.**

HEADLINE NEWS IN A FLASH

- Generative artificial intelligence and copyright current issues
- AI Could Be Made Obsolete by 'Biocomputers' Running on Human Brain Cells
- Artificial Intelligence Predicts Genetics of Cancerous Brain Tumors in Under 90 Seconds
- Cybercriminals are using AI voice cloning tools to dupe victims
- Microsoft Researchers Claim GPT-4 Is Showing "Sparks" of AGI
- Canva reveals 'magic' new AI apps for marketers

OPENAI SAYS 80% OF WORKERS COULD SEE THEIR JOBS IMPACTED BY AI. THESE ARE THE JOBS MOST AFFECTED

Source: Euronews

OpenAI, the company behind the popular chatbot ChatGPT, has crunched the numbers on different jobs' exposure to artificial intelligence (AI) - and those numbers are eye-opening. Using its latest machine learning language model (LLM), the recently released GPT-4, as well as human expertise, researchers investigated the potential implications of language models on occupations within the US job market. While the researchers stress the paper is not a prediction, they found around 80 per cent of the US workforce could have at least 10 per cent of their work tasks affected by GPTs, or Generative Pre-trained Transformers.

Around 19 per cent of workers meanwhile could see at least 50 per cent of their tasks impacted. The paper, which was authored by researchers from OpenAI, OpenResearch, and the University of Pennsylvania, examines the "exposure" of work tasks to AI - "without distinguishing between labour-augmenting or labour-displacing effects". The researchers defined "exposure" as a measure of whether access to a GPT-powered system could reduce the time it takes for a human to perform a specific work task by at least 50 per cent.

Which jobs are most 'exposed'?

For the study, human experts and the AI separately worked out the exposure of different occupations. The language model labelled 86 jobs as "fully exposed". Fully exposed doesn't mean the tasks can be fully automated by these technologies the authors note - but it means they estimate GPTs could save workers "a significant amount of time completing a large share of their tasks".

Humans labelled 15 occupations as fully exposed, while the language model labelled 86 as fully exposed.

The occupations that the humans found were 100 percent exposed are:

- Mathematicians
- Tax Preparers
- Financial Quantitative Analysts
- Writers and Authors
- Web and Digital Interface Designers

Other high percentage occupations listed by the humans were:

- Survey Researchers (84.4)
- Writers and Authors (82.5)
- Interpreters and Translators (82.4)
- Public Relations Specialists (80.6)
- Animal Scientists (77.8)

The language models meanwhile listed the following as 100 per cent exposed:

- Mathematicians
- Accountants and Auditors
- News Analysts, Reporters, and Journalists
- Legal Secretaries and Administrative Assistants
- Clinical Data Managers
- Climate Change Policy Analysts

The language models also found these jobs to be more than 90 per cent exposed:

- Correspondence Clerks
- Blockchain Engineers
- Court Reporters and Simultaneous Captioners
- Proofreaders and Copy Markers

"We have observed that most occupations exhibit some degree of exposure to GPTs, with higher-wage occupations generally presenting more tasks with high exposure," the authors concluded.

Limitations of the study

The first limitation identified was the fact their approach relied on the subjectivity of labelling, which could lead to biased judgments regarding GPTs' reliability and effectiveness at certain work tasks within occupations unfamiliar to human researchers. They also state that the GPT-4 outcomes are "sensitive to alterations in the rubric's wording, the prompt's order and composition," and other details in the prompt, which meant the human and LLM prompts differed.

BILL GATES JUST PUBLISHED A 7-PAGE LETTER ABOUT AI AND HIS PREDICTIONS FOR ITS FUTURE

Source: Insider

Bill Gates has been thinking a lot about artificial intelligence, and now he's put those thoughts to paper.

The Microsoft cofounder published a seven-page letter on Tuesday — "The Age of AI has Begun" — outlining his views on the future of AI. He wrote that developing AI is "as fundamental as the creation of the microprocessor, the personal computer, the internet, and the mobile phone."

The letter arrived the same day Google released its AI chatbot, Bard, which joins Microsoft's Bing in the AI arms race, and a week after OpenAI, the creator of ChatGPT, announced the much-anticipated evolution of its AI model, GPT-4.

Gates has previously spoken about his excitement for the future of AI, namely how it could be used as a tutor in education or to provide medical advice to people where doctors aren't easily accessible. The billionaire also acknowledged in the letter concerns around artificial intelligence, including the risk that humans will misuse it, as well as the possibility of superintelligent, or "strong," AI that could "establish their own goals" as AI technology improves over time.

In the letter, Gates elaborated on these ideas by discussing his thoughts on how AI can be used both as a tool to improve people's productivity, and how it can help improve global inequities — in the workplace, healthcare, and education.

A white-collar worker available to help you with various tasks'

Gates writes about how AI could be used in the workforce as a "digital personal assistant" to enhance employee productivity — an idea he previously spoke about in February. AI, integrated into digital work tools like Microsoft Office, could help with managing and writing emails, Gate wrote.

'He wrote that these AI-generated "personal agents" — equipped with vast knowledge and data on their company and industry — could also pose as resources for employees to communicate with.

"As computing power gets cheaper, GPT's ability to express ideas will increasingly be like having a white-collar worker available to help you with various tasks," he wrote.

A digital helper to take on grunt work for healthcare workers

In the healthcare industry, Gates wrote that AI could free up healthcare workers from certain tasks, including filing insurance claims, completing paperwork, and drafting doctor's visit notes.

Gates wrote that for impoverished countries, where "many people in those countries never get to see a doctor," AI could enable healthcare workers to be more productive with the patients they do see. It's possible that AI could also aid in the treatment of patients who don't live near health facilities, Gates wrote.

AI is already used in healthcare to analyze medical data and design drugs, Gates wrote, but the next wave of AI tools could assist with predicting medication side effects and calculating dosage levels. For crops and livestock in poor countries, Gates wrote that AI could help design seeds tailored to local climates and develop vaccines for livestock — developments that could be important "as extreme weather and climate change put even more pressure on subsistence farmers in low-income countries."



HEADLINE NEWS IN A FLASH

GENERATIVE ARTIFICIAL INTELLIGENCE AND COPYRIGHT CURRENT ISSUES

After Years Of Development And Promise, An Overnight Artificial Intelligence Hit - Recently, numerous applications powered by artificial intelligence (AI) have gained immense popularity with content creators around the world who are learning to leverage the power of generative AI. AI-powered models like ChatGPT, Dall-E, and Midjourney, among others, are in the news daily and many people have already become both dependent on, and amazed by, their capabilities. These applications are revolutionizing the ease in which many types of content can be created quickly, including website copy, marketing campaigns, social media posts, lists of all kinds, poetry, and even software code. One of the more popular AI tools, ChatGPT, is a chatbot created by OpenAI in San Francisco and is capable of generating human-like text in response to any given prompt based on deep learning techniques, which involve training the AI model on a large dataset of text to predict patterns and relationships of words and phrases.

Source: Morgan Lewis

ARTIFICIAL INTELLIGENCE PREDICTS GENETICS OF CANCEROUS BRAIN TUMORS IN UNDER 90 SECONDS

Using artificial intelligence, researchers have discovered how to screen for genetic mutations in cancerous brain tumors in under 90 seconds — and possibly streamline the diagnosis and treatment of gliomas, a study suggests. A team of neurosurgeons and engineers at Michigan Medicine, in collaboration with investigators from New York University, University of California, San Francisco and others, developed an AI-based diagnostic screening system called DeepGlioma that uses rapid imaging to analyze tumor specimens taken during an operation and detect genetic mutations more rapidly. In a study of more than 150 patients with diffuse glioma, the most common and deadly primary brain tumor, the newly developed system identified mutations used by the World Health Organization to define molecular subgroups of the condition with an average accuracy over 90%. The results are published in Nature Medicine.

Source: NeuroscienceNews

MICROSOFT RESEARCHERS CLAIM GPT-4 IS SHOWING "SPARKS" OF AGI

Fresh on the heels of GPT-4's public release, a team of Microsoft AI scientists published a research paper claiming the OpenAI language model — which powers Microsoft's now somewhat lobotomized Bing AI — shows "sparks" of human-level intelligence, or artificial general intelligence (AGI). Emphasis on the "sparks." The researchers are careful in the paper to characterize GPT-4's prowess as "only a first step towards a series of increasingly generally intelligent systems" rather than fully-hatched, human-level AI. They also repeatedly highlighted the fact that this paper is based on an "early version" of GPT-4, which they studied while it was "still in active development by OpenAI," and not necessarily the version that's been wrangled into product-applicable formation. Disclaimers aside, though, these are some serious claims to make. Though a lot of folks out there, even some within the AI industry, think of AGI as a pipe dream, others think that developing AGI will usher in the next era of humanity's future

Source: Futurism

AI COULD BE MADE OBSOLETE BY 'BIOCOMPUTERS' RUNNING ON HUMAN BRAIN CELLS

Artificial intelligence seems to be taking over our lives lately, but a team of scientists argues that something called "organoid intelligence," or OI, powered by living human brain cells could one day outperform any artificial system, and do it far more efficiently. Organoids are three-dimensional clumps of biological tissue that scientists have been growing and experimenting with for years. Researchers led by environmental health sciences professor Thomas Hartung at Johns Hopkins University are working with brain organoids that could lead to the development of a "biocomputer" powered by human brain cells. Artificial intelligence seems to be taking over our lives lately, but a team of scientists argues that something called "organoid intelligence," or OI, powered by living human brain cells could one day outperform any artificial system, and do it far more efficiently.

Source: Cnet.com

CYBERCRIMINALS ARE USING AI VOICE CLONING TOOLS TO DUPE VICTIMS

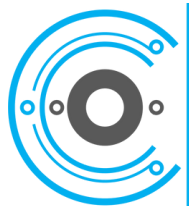
If you answer a phone call from an unknown number, let the caller speak first. Whoever is on the other end of the line could be recording snippets of your voice — and later using it to impersonate you in a very convincing manner. That's according to the Federal Trade Commission, which is warning consumers to beware of scam artists who are secretly recording people's voices in order to later pose as them and ask victims' relatives for money. The FTC described such a scenario amid the rise of AI-powered tools like ChatGPT and Microsoft's Vall-E, a tool the software company demonstrated in January that converts text to speech. Vall-E is not yet available to the public, but other companies, like Resemble AI and ElevenLabs, make similar tools that are. Using a short sample of anyone's voice, this technology can accurately convert written sentences into convincing sounding audio. All you need is 3 seconds - Criminals are employing widely available "voice cloning" tools to dupe victims into believing their loved ones are in trouble and need cash fast, experts say.

Source: CBSNews

CANVA REVEALS 'MAGIC' NEW AI APPS FOR MARKETERS

Canva adds extra AI-powered tools for marketers and designers everywhere. Canva has announced a platform-wide roll-out of new AI tools designed to speed up design workflows for brand-conscious marketers and creative teams. Revealed during the company's Canva Create event, the new Assistant lets users navigate the popular graphic design software and make design recommendations, as well as quickly access tools like the AI writer Magic Write. And that's not all - more features have been added to the company's workplace-oriented Visual Suite that, according to Canva, will "empower creative teams to not only work faster, but also smarter." Leading the charge is Magic Design. Still in beta, it's capable of creating on-brand design templates based on user prompts and assets. And it appears it could be especially effective when building presentations, with the company explaining that users can type out ideas and watch the app generate entire slides packed with content.

Source: TechRadar



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Ethics of Education in the Era of AI

Unlocking the Minds of Learners, Educators & Assessors



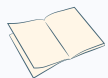
Ep 1: April 5th, 2023

Ep 2: April 12th, 2023

Ep 3: April 19th, 2023



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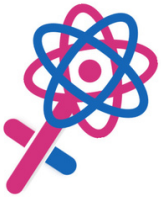
SPECIAL GUEST SPEAKER



TAN SRI DR MOHD DAUD BAKAR
CHAIRMAN, CEAI MALAYSIA



REGISTER NOW



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

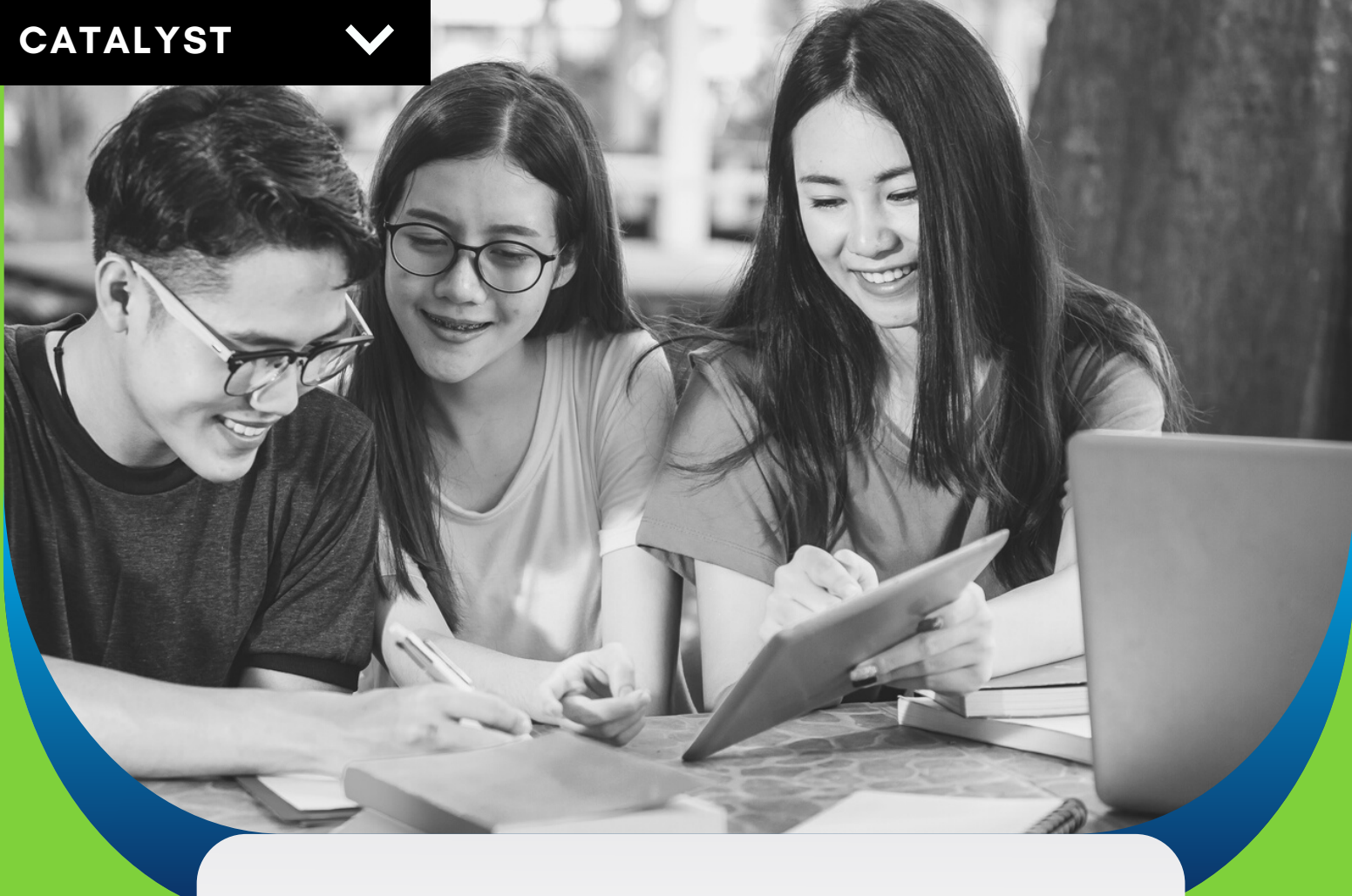
What is our purpose?

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/>



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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.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



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Website: www.myfinb.com/sofinaa



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Website: www.globalchamber.org



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



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Website: www.ficci.in



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Website: www.ediindia.org



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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



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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

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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 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.

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