

AI:10



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HEADLINE NEWS IN A FLASH

- AI's multi-view wave is coming, and it will be powerful
- Can AI Increase Diversity On Tech Teams? The Jury Is Out
- Can AI Substitute Human Intelligence In Legal Matters? What Court Said
- OpenAI Passes \$1 Billion Revenue Pace as Big Companies Boost AI Spending
- Google DeepMind co-founder calls for US to enforce AI standards, Financial Times reports
- DeepMind develops watermark to identify AI images

EDITOR'S NOTE

**PERSPECTIVES ON
THE FIGHT OVER A
'DANGEROUS'
IDEOLOGY
SHAPING AI
DEBATE**

INDUSTRY FOCUS

**WHAT'S THE
FUTURE OF
GENERATIVE AI?
AN EARLY
VIEW IN
15 CHARTS**

**QUOTES FROM TOP
LEADERS IN TECH ON AI**

**WHAT YOU CANNOT MISS AS YOU
NAVIGATE YOUR AI JOURNEY**



PERSPECTIVES ON THE FIGHT OVER A 'DANGEROUS' IDEOLOGY SHAPING AI DEBATE

Firstly, let's summarize what the article is trying to say in simple terms.

The article discusses the ideology of longtermism, which is the belief that the most important goal for humanity is to ensure the long-term survival of intelligent life. Longtermists argue that we should take steps to prevent existential risks, such as artificial intelligence (AI) that could pose a threat to humanity.

The article argues that longtermism is a dangerous ideology because it distracts from real problems that we face today, *such as climate change and poverty. Longtermists often focus on hypothetical risks that are unlikely to happen in the near future, while ignoring more pressing problems that we need to address now.*

The article also argues that longtermism is *elitist because it assumes that only a small group of people have the knowledge and power to ensure the long-term survival of humanity.* This ignores the fact that many people around the world are already working to address existential risks, and that we need to work together to find solutions.

The article concludes by arguing that we need to have a more balanced view of AI and other existential risks. We need to take steps to mitigate these risks, but we also need to focus on *solving the real problems that we face today.*

Furthermore, I concur with the article's assertion that while considering the long-term future is essential, it must not divert our attention from the pressing challenges at hand.

Similarly, I agree with the article's view that the concept of longtermism can perpetuate elitism. Assuming that only a select few possess the expertise and authority to secure humanity's long-term survival is a misconception.

It is important to note that people worldwide are already actively engaged in tackling existential risks, necessitating collective efforts to address these concerns, including those related to AI.

The article aptly highlights the significance of maintaining a balanced perspective on AI and other existential threats. While we must mitigate these risks, our focus should remain on resolving present-day issues.

In our journey at CEAI since 2019, we have been committed to democratizing AI knowledge and usage, eliminating the necessity for coding and programming. Our dedication to this endeavor predates the public introduction of GPT, a journey that commenced 17 years ago as a united group.

Aligned with SDG 17 and ESG goals, all our projects embody a comprehensive collaboration spanning academicians, government officials, entrepreneurs, bankers, investors, medical professionals, educators, trainers, top executives, marketers, think tank experts, non-profit individuals, and more.

A central tenet of our approach is responsible and ethical AI production across all our programs. Our initiatives strive to enhance the quality of life and societal welfare in the short, medium, and long term. In doing so, we recognize the potential of AI to be a force for positive transformation, transcending temporal boundaries.

WHAT'S THE FUTURE OF GENERATIVE AI? AN EARLY VIEW IN 15 CHARTS

Source: [McKinsey & Co](#)

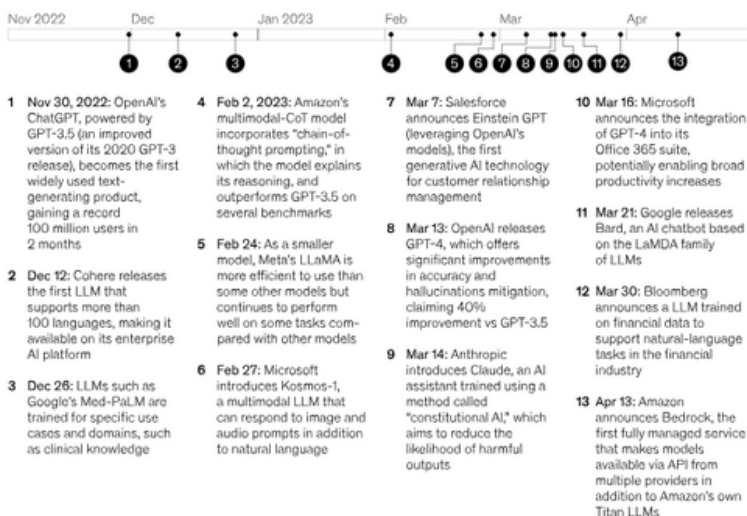
Gen AI finds its legs

The advanced machine learning that powers gen AI-enabled products has been decades in the making. But since ChatGPT came off the starting block in late 2022, new iterations of gen AI technology have been released several times a month. In March 2023 alone, there were six major steps forward, including new customer relationship management solutions and support for the financial services industry.

Source: [What every CEO should know about generative AI](#)

Generative AI has been evolving at a rapid pace.

Timeline of major large language model (LLM) developments following ChatGPT's launch



McKinsey & Company

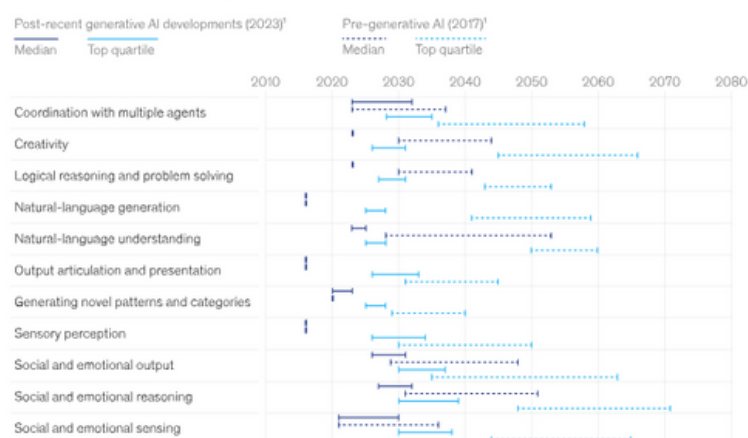
The road to human-level performance just got shorter

For most of the technical capabilities shown in this chart, gen AI will perform at a median level of human performance by the end of this decade. And its performance will compete with the top 25 percent of people completing any and all of these tasks before 2040. In some cases, that's 40 years faster than experts previously thought.

Source: [The economic potential of generative AI: The next productivity frontier](#)

Due to generative AI, experts assess that technology could achieve human-level performance in some capabilities sooner than previously thought.

Estimated range for technology to achieve human-level performance, by technical capability



*Comparison made on the business-related tasks required from human workers.
 Source: McKinsey Global Institute occupation database; McKinsey analysis

McKinsey & Company

And automation of knowledge work is now in sight

Previous waves of automation technology mostly affected physical work activities, but gen AI is likely to have the biggest impact on knowledge work—especially activities involving decision making and collaboration. Professionals in fields such as education, law, technology, and the arts are likely to see parts of their jobs automated sooner than previously expected. This is because of generative AI's ability to predict patterns in natural language and use it dynamically.

Source: [The economic potential of generative AI: The next productivity frontier](#)

Read further [here](#).

HEADLINE NEWS IN A FLASH

AI'S MULTI-VIEW WAVE IS COMING, AND IT WILL BE POWERFUL

The future of so-called generative AI, programs such as ChatGPT and Stable Diffusion, will combine a plethora of modalities into a single program, including not only text and images and video, but also point clouds and knowledge graphs, even bio-informatics data, and many more views of a scene or of an object. The many different modalities offer potentially thousands of "views" of things, views that could contain mutual information, which could be a very rich approach to understanding the world. But it also raises challenges. The key to multi-view in deep neural networks is a concept that Shwartz-Ziv and others have hypothesized known as an "information bottleneck." The information bottleneck becomes problematic as the number of modalities expands.

Source: [ZDNET](#)

CAN AI SUBSTITUTE HUMAN INTELLIGENCE IN LEGAL MATTERS? WHAT COURT SAID

Artificial intelligence (AI) can substitute neither the human intelligence nor the humane element in the adjudicatory process, the Delhi High Court has held. The High Court said the ChatGPT can't be the basis of adjudication of legal or factual issues in a court of law. Justice Prathiba M Singh stated that the accuracy and reliability of AI generated data is still in the grey area and at best, such a tool can be utilised for a preliminary understanding or for preliminary research. The court's observations came while dealing with a lawsuit by luxury brand Christian Louboutin against a partnership firm involved in the manufacture and sale of shoes allegedly in violation of its trademark. The counsel for the complainant submitted that "Red Sole Shoe" was its registered trademark in India and placed before court responses by ChatGPT with respect to its "reputation". "The said tool (ChatGPT) cannot be the basis of adjudication of legal or factual issues in a court of law.

Source: [NDTV](#)

GOOGLE DEEPMIND CO-FOUNDER CALLS FOR US TO ENFORCE AI STANDARDS, FINANCIAL TIMES REPORTS

The U.S. should allow Nvidia's [\(NVDA.O\)](#) artificial intelligence (AI) chips only to buyers who agree to ethically use the technology, Google DeepMind's co-founder Mustafa Suleyman told the Financial Times on Friday. The US should enforce minimum global standards for the use of AI, and companies should at a minimum agree to abide by the same pledge made by leading AI firms to the White House, Suleyman said. In July, [AI companies](#) including OpenAI, Alphabet and Meta Platforms [\(META.O\)](#) made voluntary commitments to the White House to implement measures such as watermarking AI-generated content to help make the technology safer.

Source: [Reuters](#)

CAN AI INCREASE DIVERSITY ON TECH TEAMS? THE JURY IS OUT

A [Pew Research Center](#) survey noted that most Americans feel racial bias in corporate America. The April 2023 poll found that 64% of Black adults said unfair treatment based on a job applicant's race or ethnicity was a significant problem; only 30% of White adults in the poll felt that way. The survey also revealed that Americans who see racial and ethnic bias as a problem in hiring also believe that artificial intelligence (AI) could produce more equitable practices. Fifty-three percent of those who see racial bias as a problem in hiring think it will improve if employers use more AI in the hiring process. The survey notes that Black Americans stand out as the most skeptical. Twenty percent of Black adults who see racial bias and unfair treatment in hiring as a problem say AI would make things worse, compared with about one in ten Hispanic, Asian and White adults.

Source: [Forbes](#)

OPENAI PASSES \$1 BILLION REVENUE PACE AS BIG COMPANIES BOOST AI SPENDING

OpenAI is currently on pace to generate more than \$1 billion in revenue over the next 12 months from the sale of artificial intelligence software and the computing capacity that powers it. That's far ahead of revenue projections the company previously shared with its shareholders, according to a person with direct knowledge of the situation. The billion-dollar revenue figure implies that the Microsoft-backed company, which was valued on paper at \$27 billion when investors bought stock from existing shareholders earlier this year, is generating more than \$80 million in revenue per month. OpenAI generated just \$28 million in revenue last year before it started charging for its groundbreaking chatbot, ChatGPT.

Source: [TheInformation](#)

DEEPMIND DEVELOPS WATERMARK TO IDENTIFY AI IMAGES

The tool, named SynthID, will embed changes to individual pixels in images, creating a watermark that can be identified by computers but remains invisible to the human eye. Nonetheless, DeepMind has warned that the tool is not "foolproof against extreme image manipulation". The beta version of SynthID is currently available for select users of Vertex AI (Google's platform for building AI apps and models) and can only be applied to Imagen, Google's AI image generator. "While generative AI can unlock huge creative potential, it also presents new risks, like enabling creators to spread false information – both intentionally or unintentionally," DeepMind writes in a blog post.

Source: [EandT](#)



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.

- **Marc Benioff, CEO of Salesforce:** "AI is the most important technology of our time. It has the potential to change everything about how we live, work, and play. We need to make sure that we use AI for good, and not for evil."
- **Tim Cook, CEO of Apple:** "AI is a powerful tool that can be used to improve our lives in so many ways. But it's important that we use AI responsibly and ethically. We need to make sure that AI is not used to discriminate or harm people."
- **Jeff Bezos, CEO of Amazon:** "AI is going to be a major force for good in the world. It has the potential to solve some of the world's biggest problems, like climate change and poverty. But it's important that we use AI responsibly and ethically."
- **Narendra Modi, Prime Minister of India:** "AI is a double-edged sword. It has the potential to do great good, but it also has the potential to do great harm. It's important that we use AI wisely, and that we don't let it control us."
- **Ursula von der Leyen, President of the European Commission:** "AI is a game-changer. It's going to change the way we live, work, and play. It's important that we get it right."
- **Jack Ma, former CEO of Alibaba:** "AI is the future, and we need to make sure that we're prepared for it. We need to invest in AI education and research, and we need to develop ethical guidelines for the use of AI."
- **Klaus Schwab, Founder and Executive Chairman of the World Economic Forum:** "AI is the most powerful technology that we have ever created. It has the potential to do great good, but it also has the potential to do great harm. It is up to us to decide how we use it."

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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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