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The Future of Disinformation

WIRED

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Slovakia's Election Deepfakes Show AI Is a Danger to Democracy

Fact-checkers scrambled to deal with faked audio recordings released days before a tight election, in a warning for other countries with looming votes.



Progressive Slovakia party leader Michal Simecka. PHOTOGRAPH: ZUZANA GOGOVA/GETTY IMAGES

The Future of Deepfake

Bloomberg Europe

• Live Now Markets Economics Industries Tech AI Politics Wealth Pursuits Opinion Businessweek Equality

It's Getting Harder to Spot a Deep Fake Video



LIVE ON BLOOMBERG TV | Bloomberg Markets Asia

It's Getting Harder to Spot a Deep Fake Video

Bloomberg QuickTake - Digital Originals - Video Series
September 27th, 2018, 12:14 AM GMT+0300

Fake videos and audio keep getting better, faster and easier to make, increasing the mind-blowing technology's potential for harm if put in the wrong hands. Bloomberg QuickTake explains how good deep fakes have gotten in the last few months, and what's being done to counter them. (Video by Henry Baker, Christian Capestany)
(Source: Bloomberg)

The Future of Deepfake

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Video Ad Feedback

Why it's getting harder to spot a deepfake video

The Future of Deepfake

The image shows a screenshot of the CBS News website. At the top, the CBS News logo is on the left, and navigation links for NEWS, SHOWS, LIVE, and LOCAL are in the center. A search icon and a Login button are on the right. Below the navigation, the word 'TECHNOLOGY' is followed by a right-pointing arrow. The main headline reads: 'From deepfake to "cheap fake," it's getting harder to tell what's true on your favorite apps and websites'. Below this, it says 'BY DAN PATTERSON' and 'JUNE 13, 2019 / 8:15 PM / CBS NEWS'. To the right of the byline are icons for Facebook, Twitter, and a share icon. Below this section, there is a video player area with the CBS News logo at the top. The video title is 'House holds hearing on "deepfakes" and artificial intelligence amid national security concerns'. Below the title, it says 'By Danielle Citron' with a play button icon.

CBS NEWS NEWS ▾ SHOWS ▾ LIVE ▾ LOCAL ▾ [Login](#)

TECHNOLOGY ▸

From deepfake to "cheap fake," it's getting harder to tell what's true on your favorite apps and websites

BY DAN PATTERSON
JUNE 13, 2019 / 8:15 PM / CBS NEWS

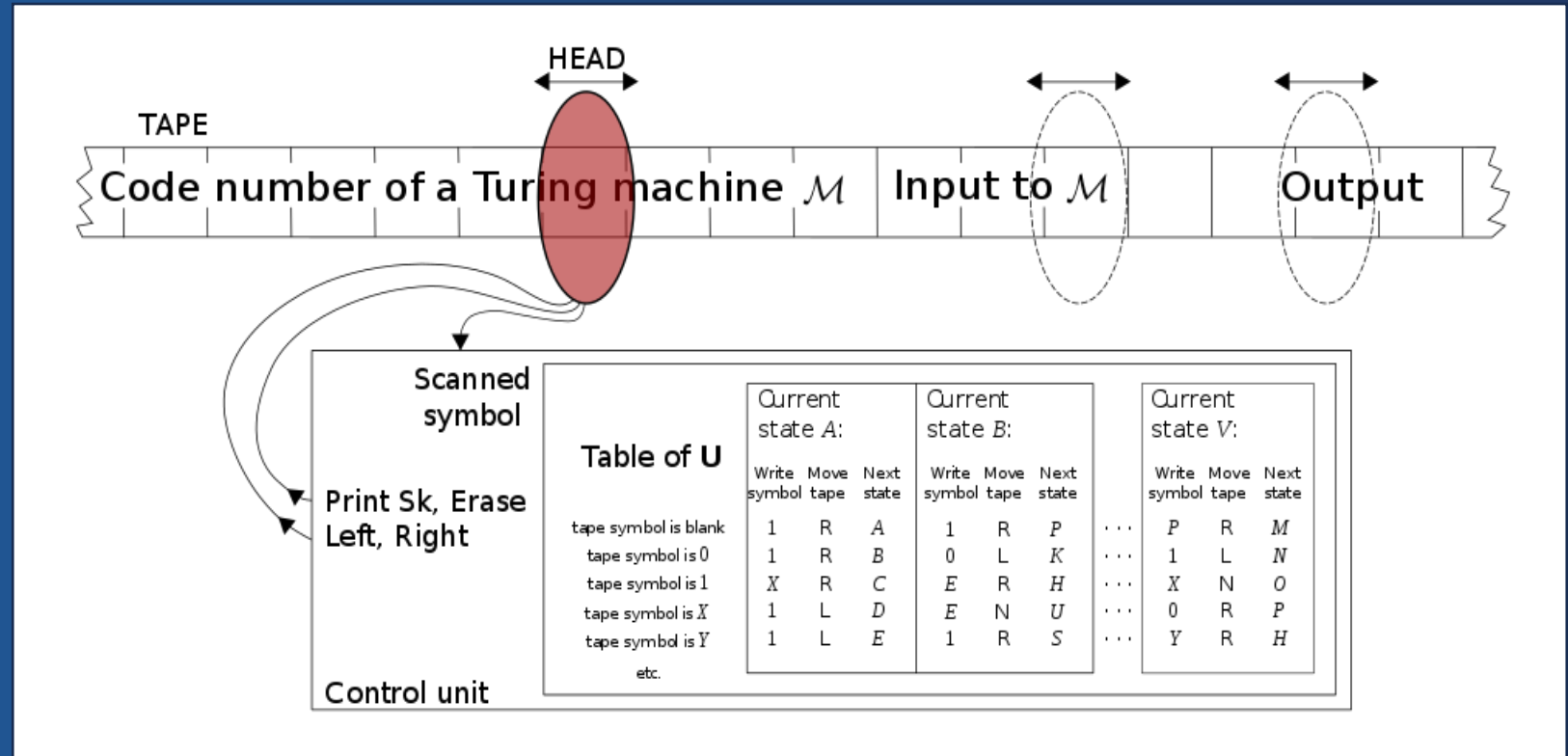
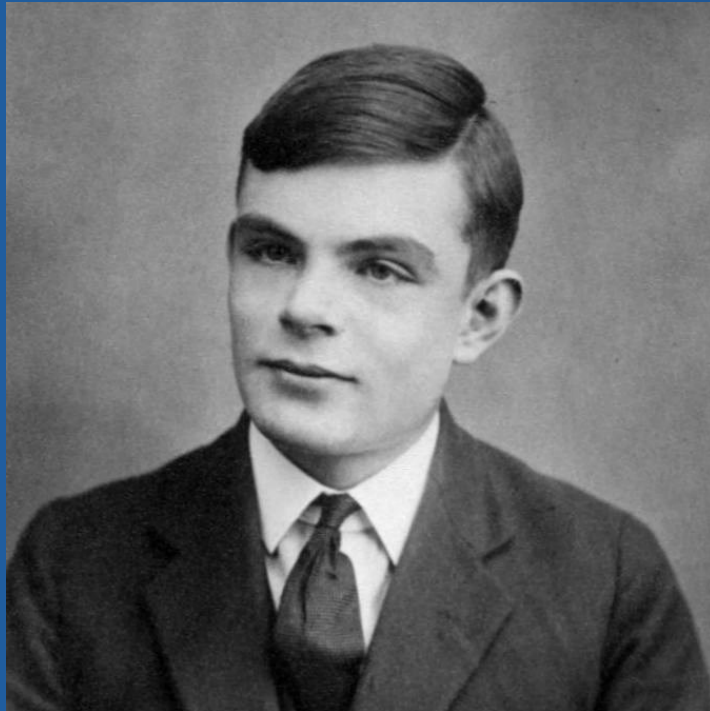
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CBS NEWS

House holds hearing on "deepfakes" and artificial intelligence amid national security concerns

By Danielle Citron

Programming 101 - Alan Turing

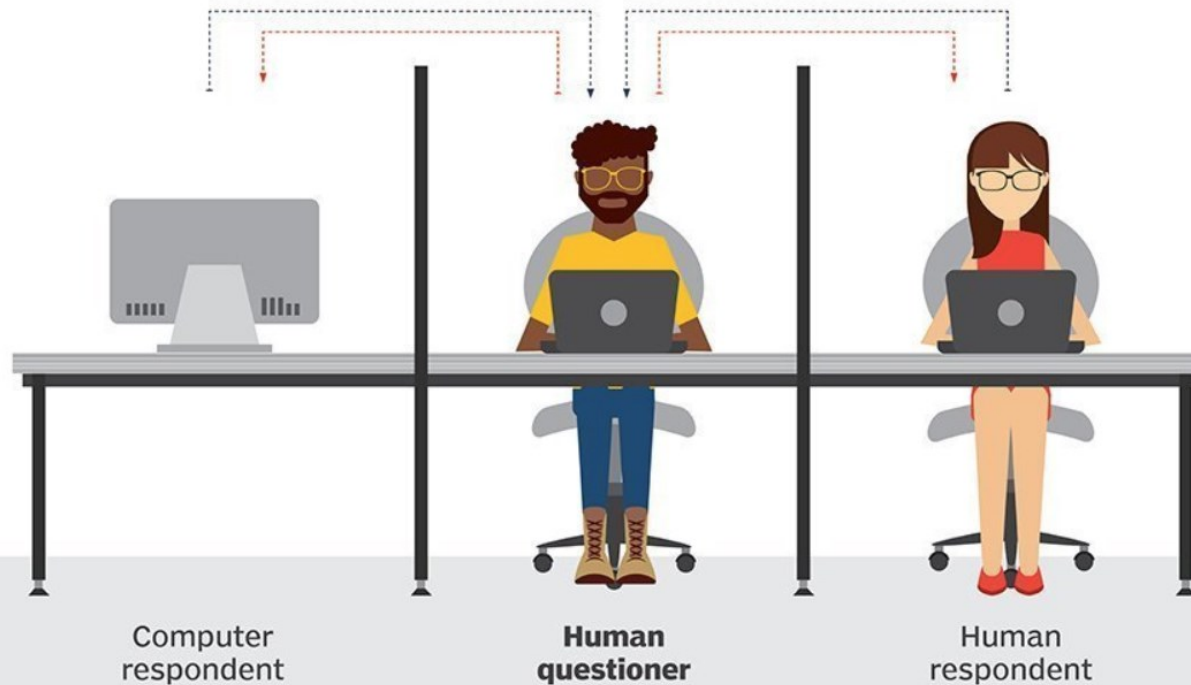


The Turing Test – The Threshold of a New World

Turing test

During the Turing test, the human questioner asks a series of questions to both respondents. After the specified time, the questioner tries to decide which terminal is operated by the human respondent and which terminal is operated by the computer.

■ QUESTION TO RESPONDENTS ■ ANSWERS TO QUESTIONER



The Turing Test – The Threshold of a New World

nature

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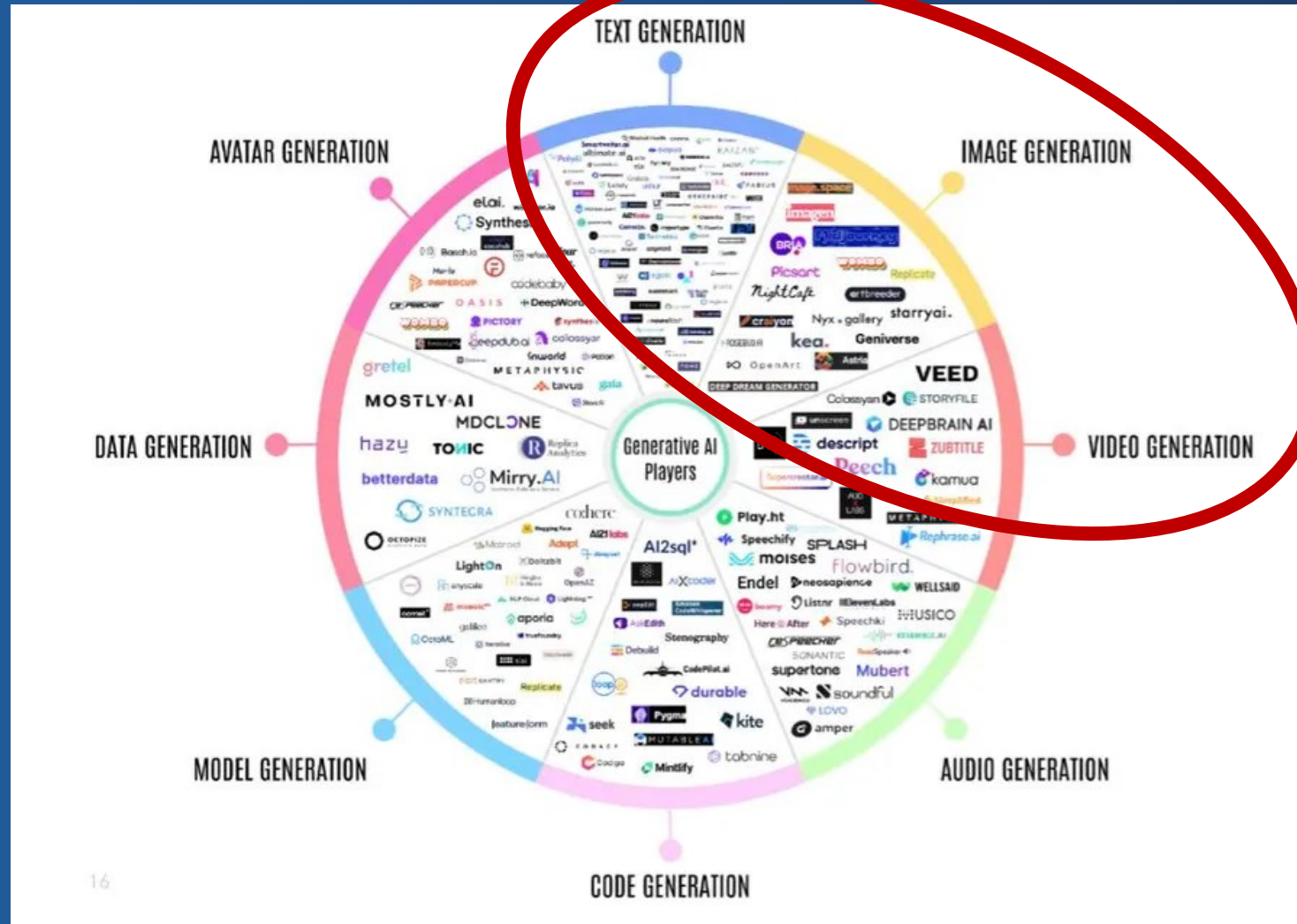
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NEWS FEATURE | 25 July 2023

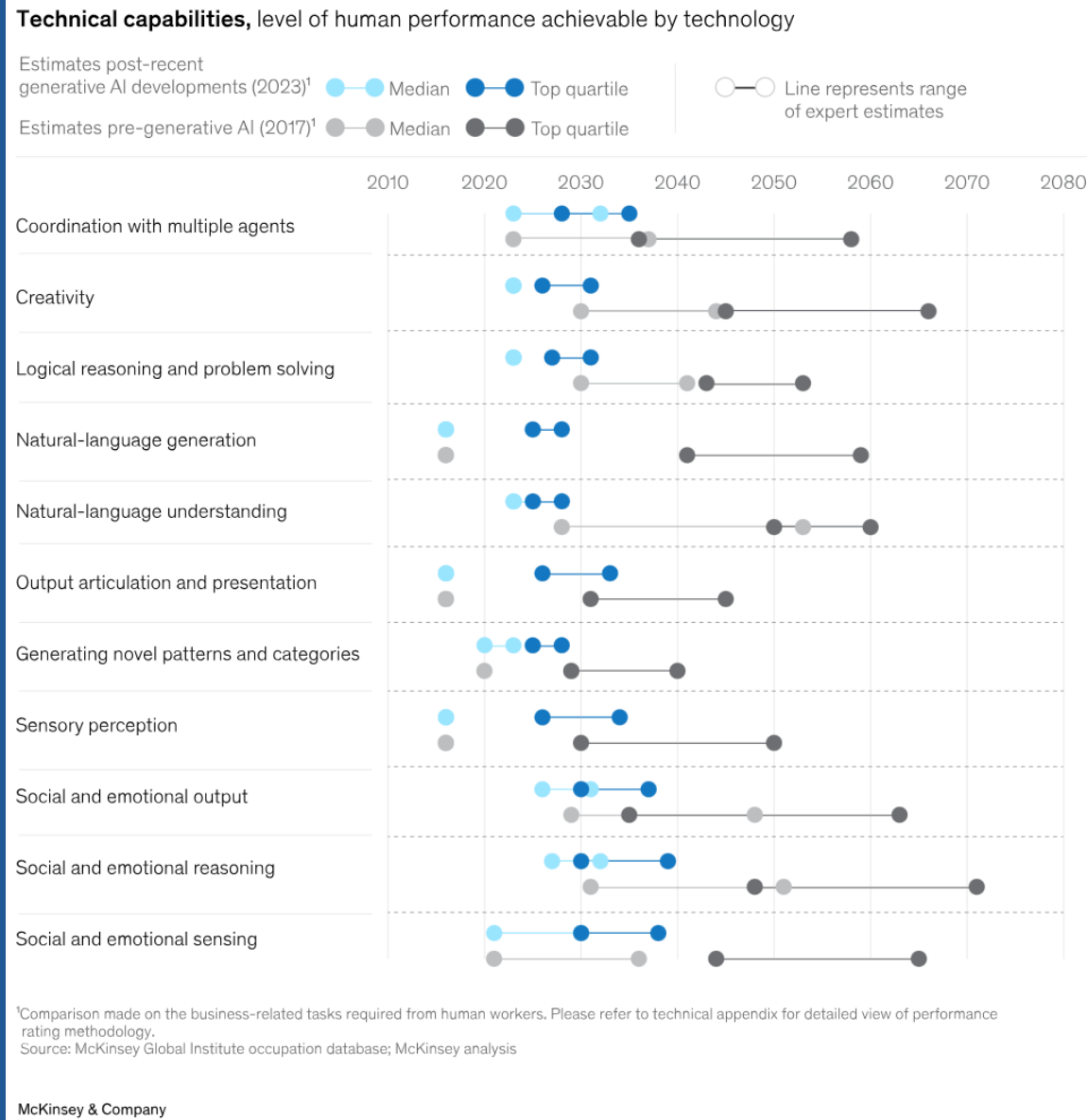
ChatGPT broke the Turing test – the race is on for new ways to assess AI

Large language models mimic human chatter, but scientists disagree on their ability to reason.

What about Image and Video?



What about Image and Video?

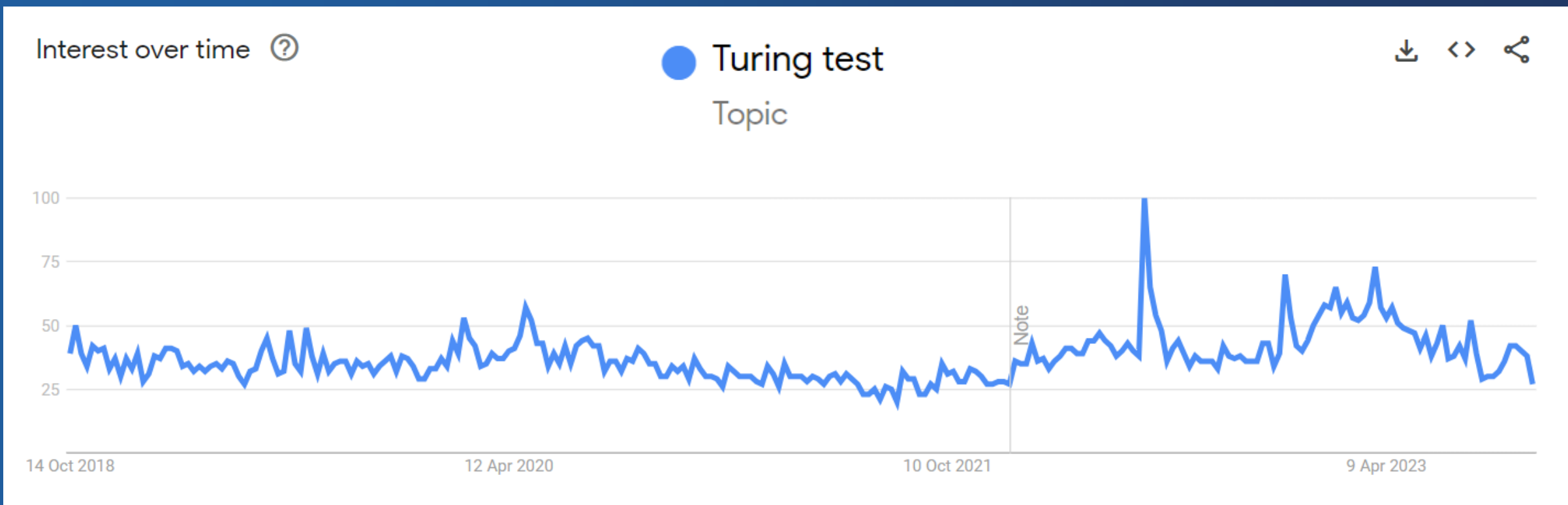


Detection will be more challenging

Do AI detectors work?

- In short, no, not in our experience. Our research into detectors didn't show them to be reliable enough given that educators could be making judgments about students with potentially lasting consequences. While other developers have released detection tools, we cannot comment on their utility.
- Additionally, ChatGPT has no “knowledge” of what content could be AI-generated. It will sometimes make up responses to questions like “did you write this [essay]?” or “could this have been written by AI?” These responses are random and have no basis in fact.
- To elaborate on our research into the shortcomings of detectors, one of our key findings was that these tools sometimes suggest that human-written content was generated by AI.
 - When we at OpenAI tried to train an AI-generated content detector, we found that it labeled human-written text like Shakespeare and the Declaration of Independence as AI-generated.
 - There were also indications that it could disproportionately impact students who had learned or were learning English as a second language and students whose writing was particularly formulaic or concise.
- Even if these tools could accurately identify AI-generated content (which they cannot yet), students can make small edits to evade detection.

Understanding the trend




Understanding the trend



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Technology


Google fires software engineer who claimed its AI chatbot is sentient

Reuters

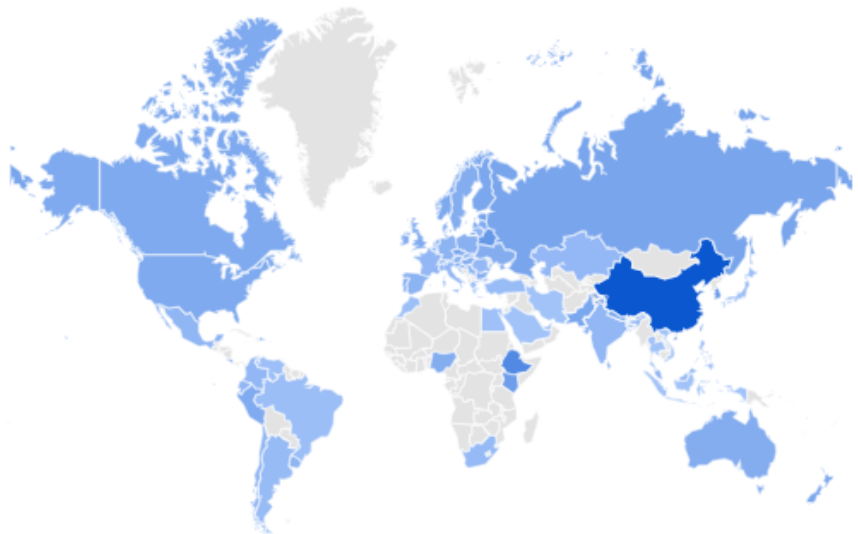
July 23, 2022 12:36 PM GMT+3 · Updated a year ago


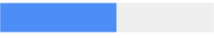
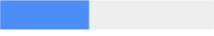
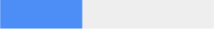
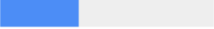
Understanding the trend

Interest by region 

 Turing test
Topic

Region 



1	China	100	
2	Ethiopia	55	
3	Belarus	42	
4	South Korea	39	
5	Kenya	37	

Understanding the trend

nature

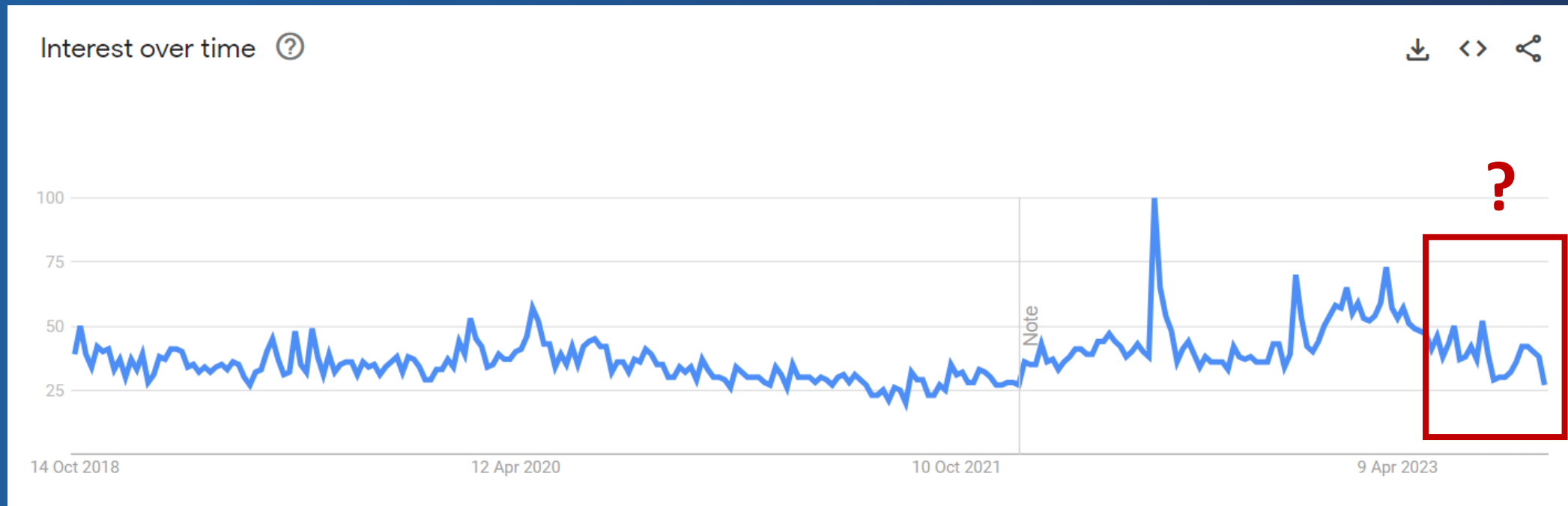
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ChatGPT broke the Turing test – the race is on for new ways to assess AI

Large language models mimic human chatter, but scientists disagree on their ability to reason.



Generative AI – A new Paradigm?



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Is AI coming for our jobs? And does it have to WARN us?

By Keith A. Markel, Alana R. Mildner and Jessica L. Lipson

July 7, 2023 7:44 PM GMT+3 · Updated 3 months ago



Aa

Generative AI – A new Paradigm?

Forbes

FORBES > LEADERSHIP > CAREERS

People Fear Being Replaced By AI And ChatGPT: 3 Ways To Lead Well Amidst Anxiety

Tracy Brower, PhD Senior Contributor ©

I write about happiness, work-life fulfillment and the future of work.

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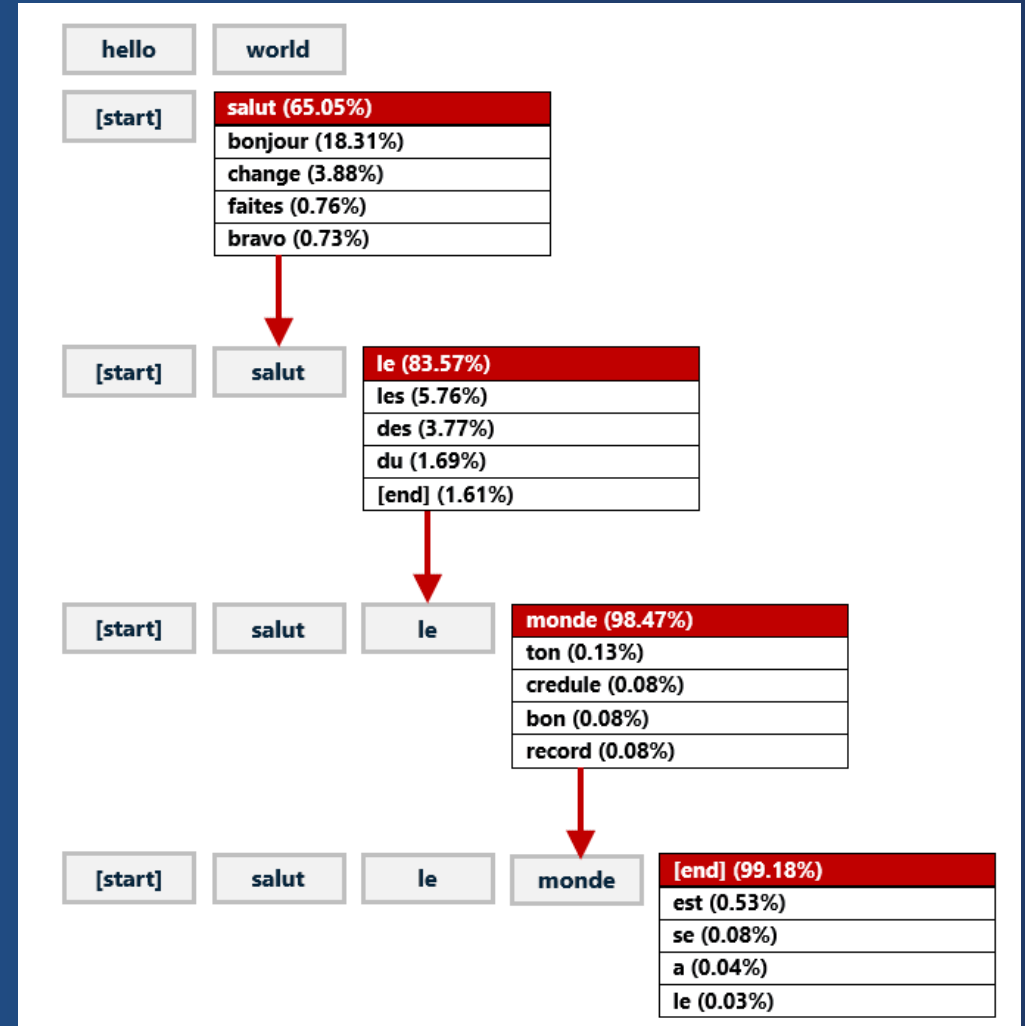
Fear is Here

For decades, people have worried about technology replacing jobs. The term “technological unemployment” was first used by the famous economist John Maynard Keynes as early as the 1930s. And in the mid 1800s, tailors were worried about the use of sewing machines and workers who shoveled materials when ships came into ports were concerned about grain elevators. In the early 1900s, lamplighters went on strike because they would be losing their jobs to the newest tech: electricity.

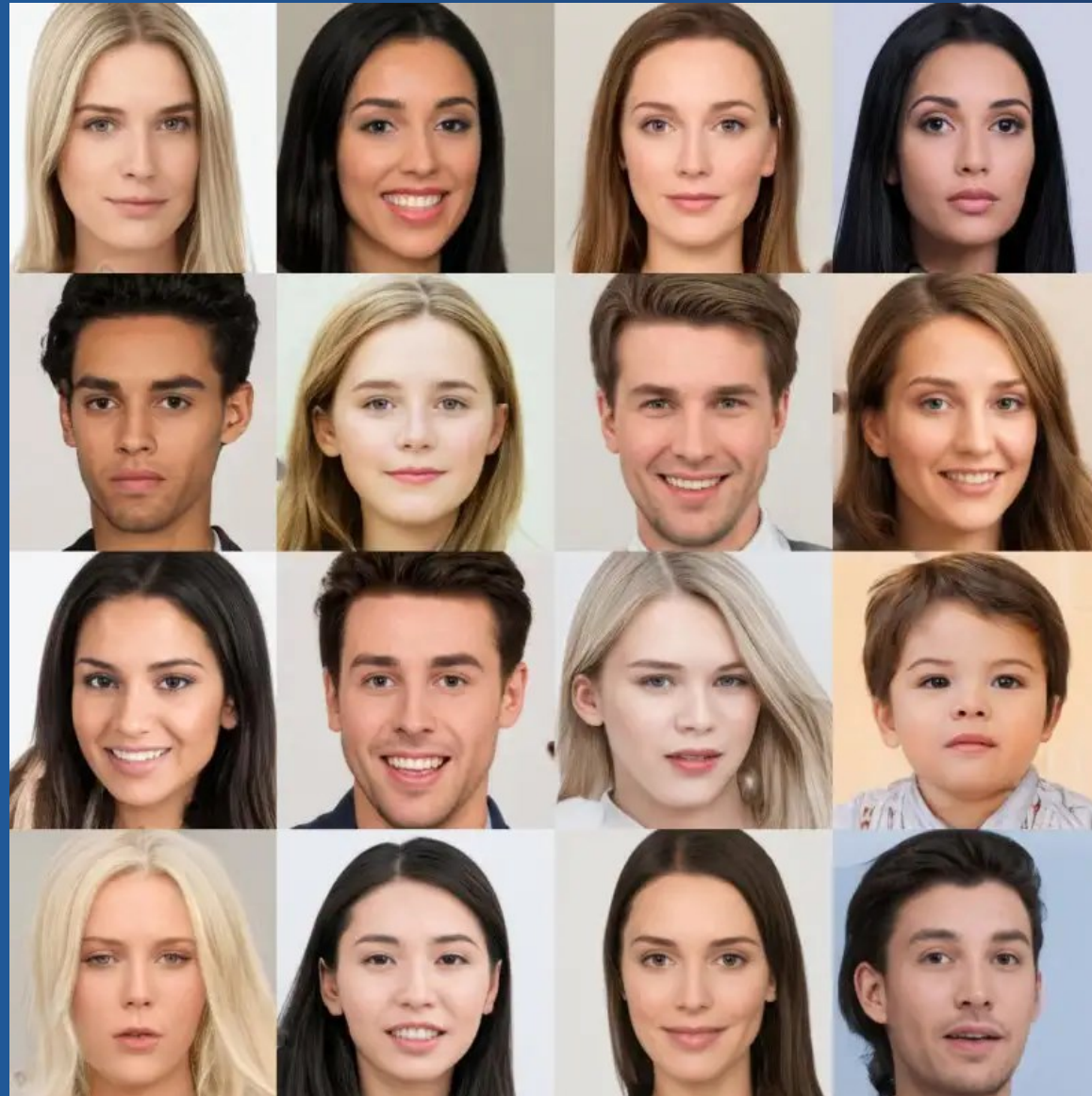
Generative AI is not sentient – It Mimics Human

Translate in french "Hello world."

The translation of "Hello world." in French is "Bonjour le monde."
However, in many programming and introductory contexts, it's often just translated as "Bonjour, monde."



Where does it lead us?



Where does it lead us?



Responsible AI

AI Ethics

Language models

Hyper-realistic AI-generated Images Fool Many

It only took months for Midjourney's capabilities to reach hyper-realistic imagery



Ben Wodecki

April 8, 2023

2 Min Read



