

AI: the Good, the Bad & the Ugly

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la Repubblica

Il Sole **24 ORE**

WIRED



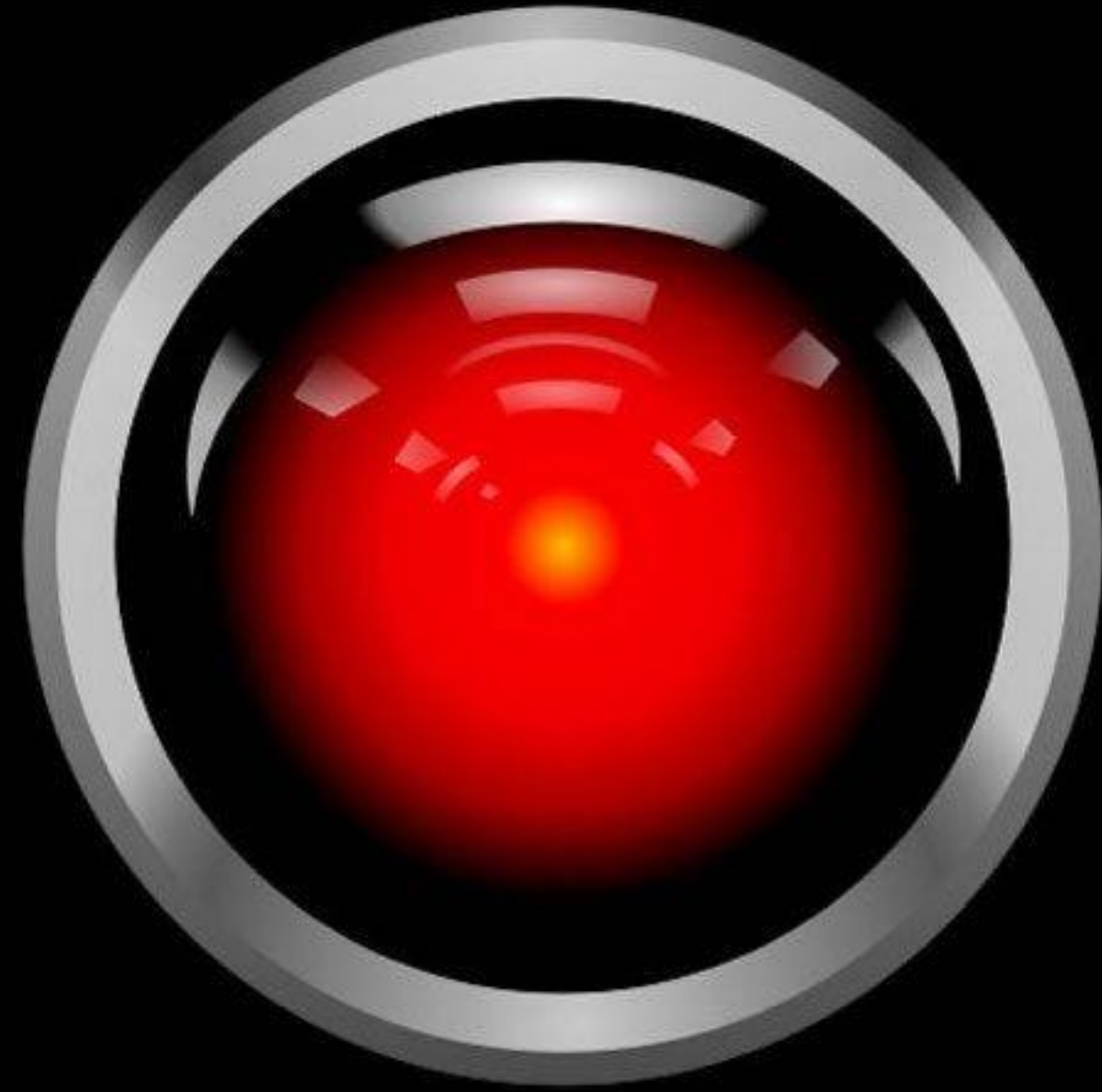
The background is a dark teal color filled with numerous question marks of varying sizes and opacities. One question mark in the lower right quadrant is significantly larger and brighter, appearing almost white, while the others are smaller and more faded. The overall effect is a sense of many questions or uncertainty.

**What comes to mind when
we talk about AI?**

The background consists of a dense field of teal question marks of varying sizes and opacities. One question mark in the center-right is significantly larger and brighter, appearing almost white, which draws the viewer's eye. The overall color palette is a range of teal and dark blue tones.

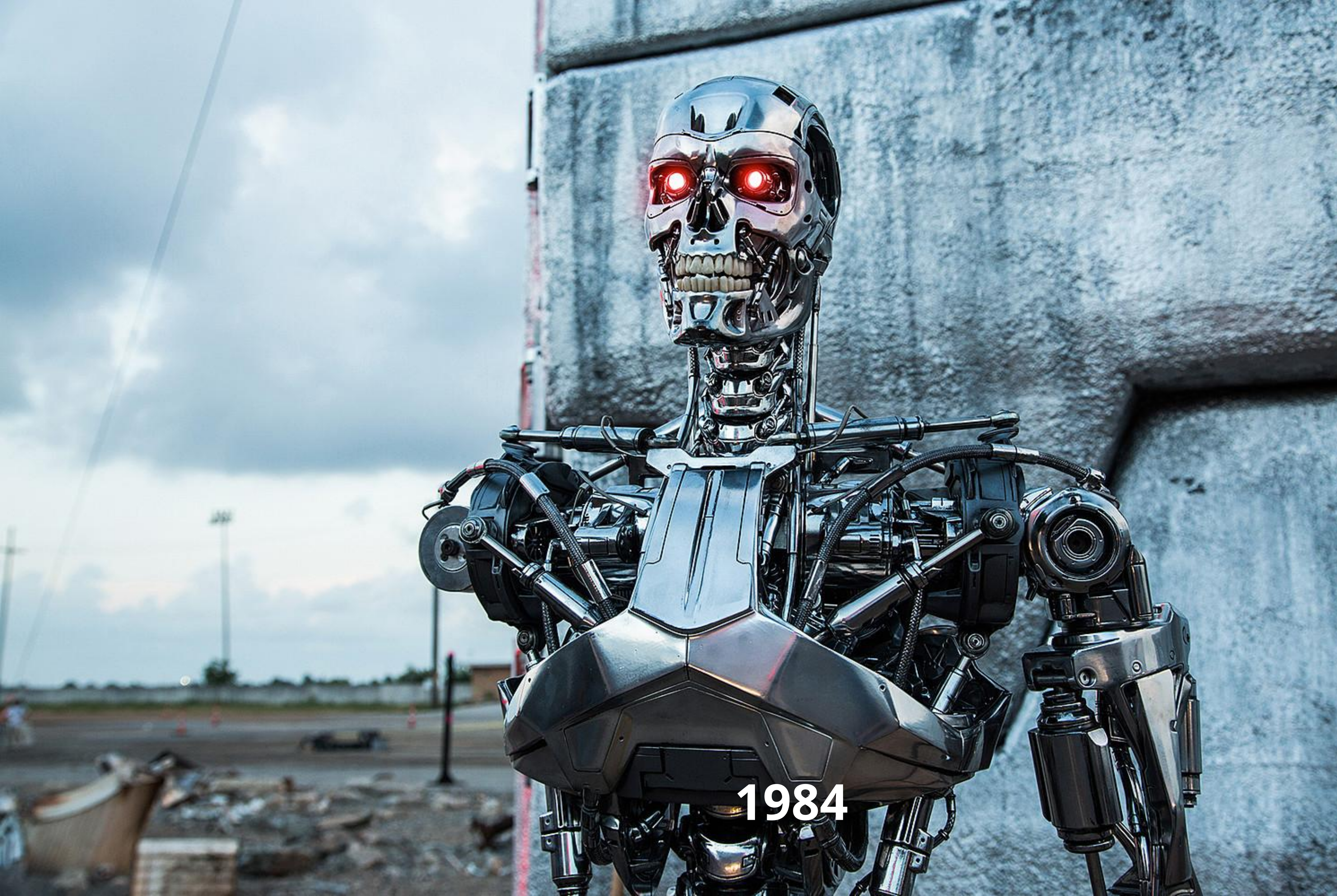
**What comes to mind when
we talk about AI?**

IT DEPENDS.



HELLO DAVE ■

1968



1984

Vertical Japanese text columns, likely bleed-through from the reverse side of the page. The text is dense and covers most of the page area.



**What do they have in
common?**

The background consists of a dense field of teal question marks of varying sizes and opacities, creating a sense of depth and repetition. A single, larger question mark in the center-right is brightly lit from behind, appearing as a glowing white shape against the darker teal background.

**What do they have in
common?**

**In all these cases,
AI rebels against humans**

Reality check

when you
order it
online



when it arrives at
home



**when you
order it online**



**when it arrives at home
(work in progress)**



when you order them online





**when they arrives at home
(much more cooler, actually)**

Ray-Ban

FACEBOOK

Ray Ban Stories

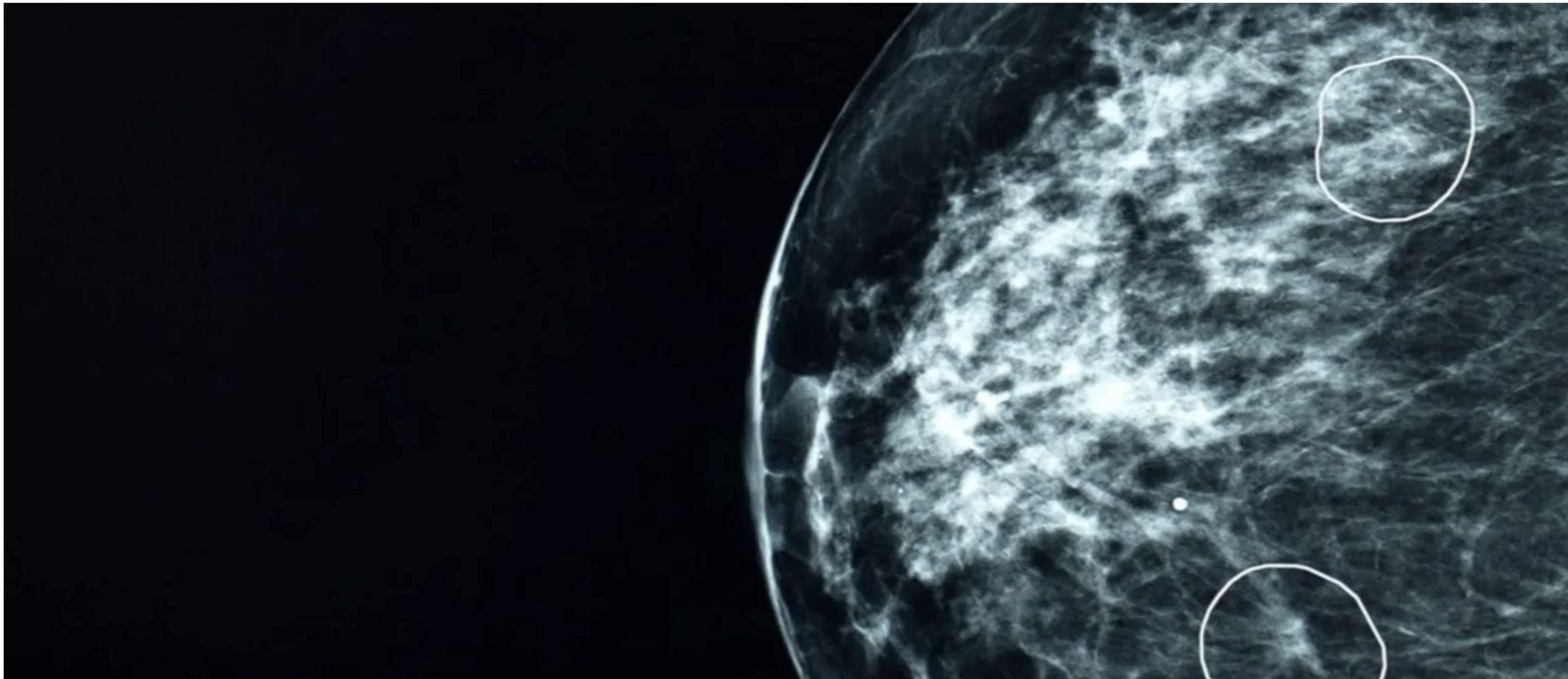
**In other cases,
expectations were not disappointed**

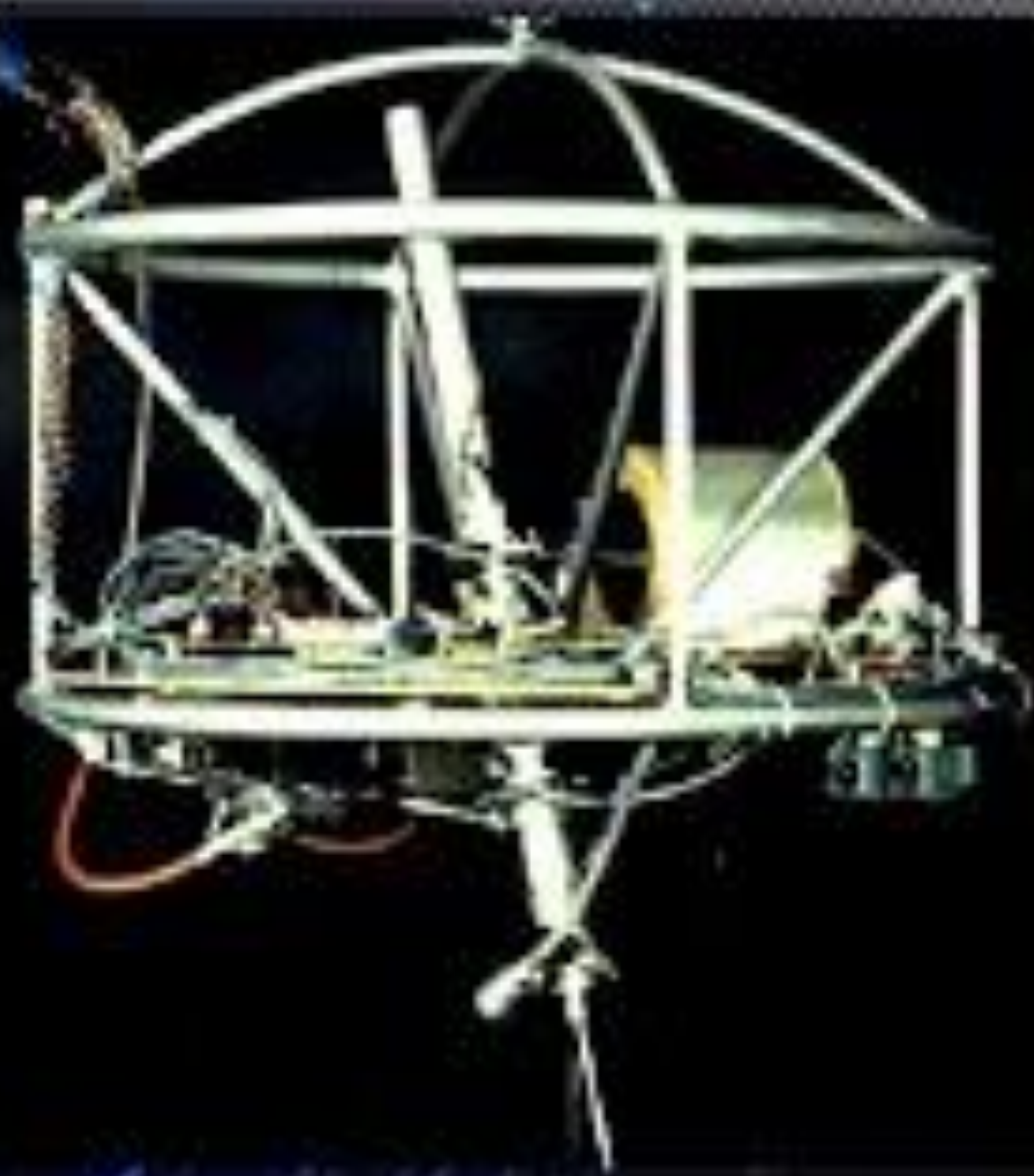
NHS AI test spots tiny cancers missed by doctors

21 March 2024

[Share](#)

By **Zoe Kleinman**, Technology editor





1983



2022



Lacie

4.2₄₃



650

621

772

432

59

602



2013



Replika



How are you feeling?

APP SPOTLIGHT

REPLIKA AI: YOUR AI COMPANION WHO CARES




CULTURE

Deepfakes of your dead loved ones are a booming Chinese business

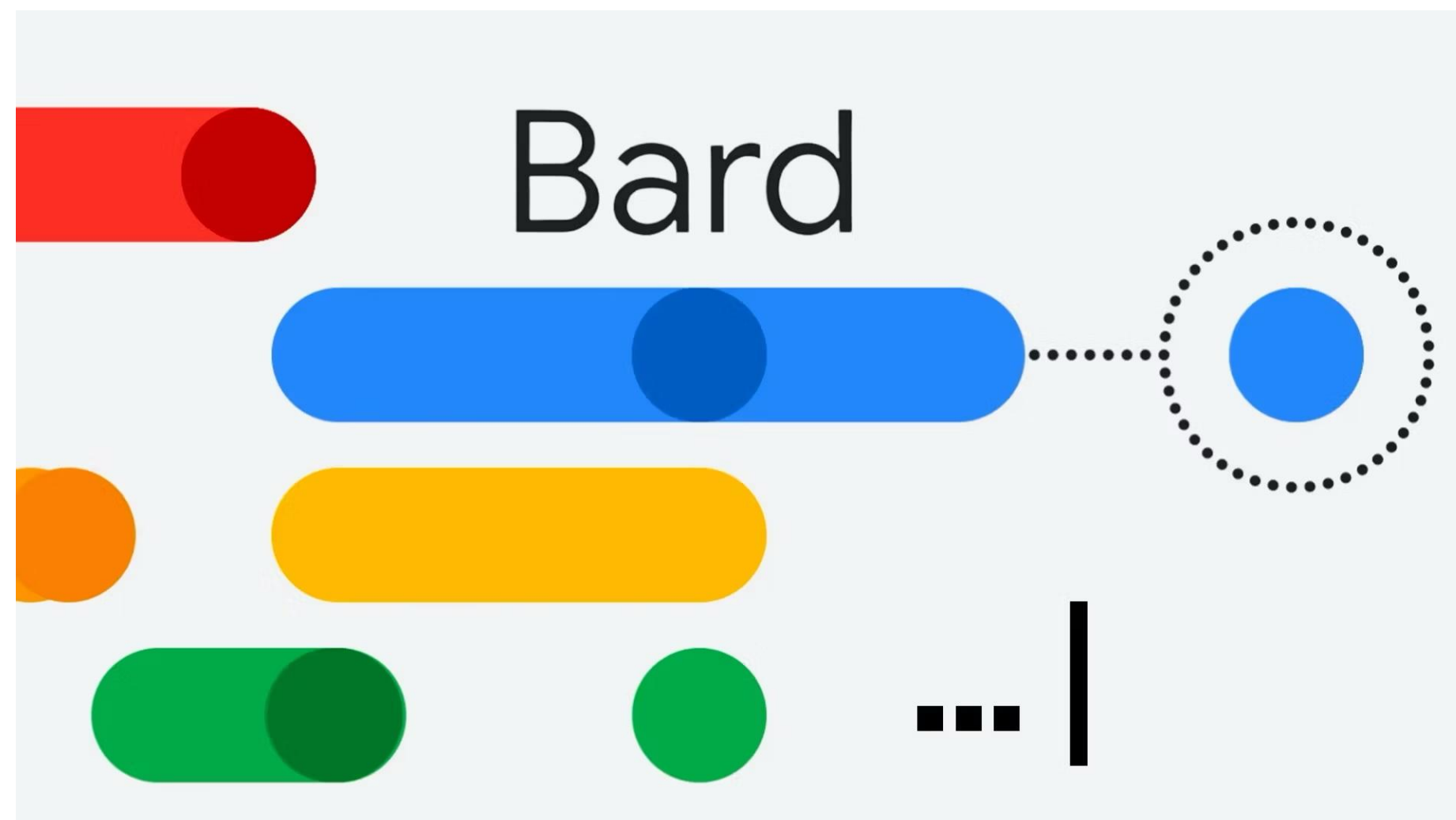
People are seeking help from AI-generated avatars to process their grief after a family member passes away.

By Zeyi Yang

May 7, 2024



OpenAI Chat GPT-4



AI & Art



ING PRESENTS

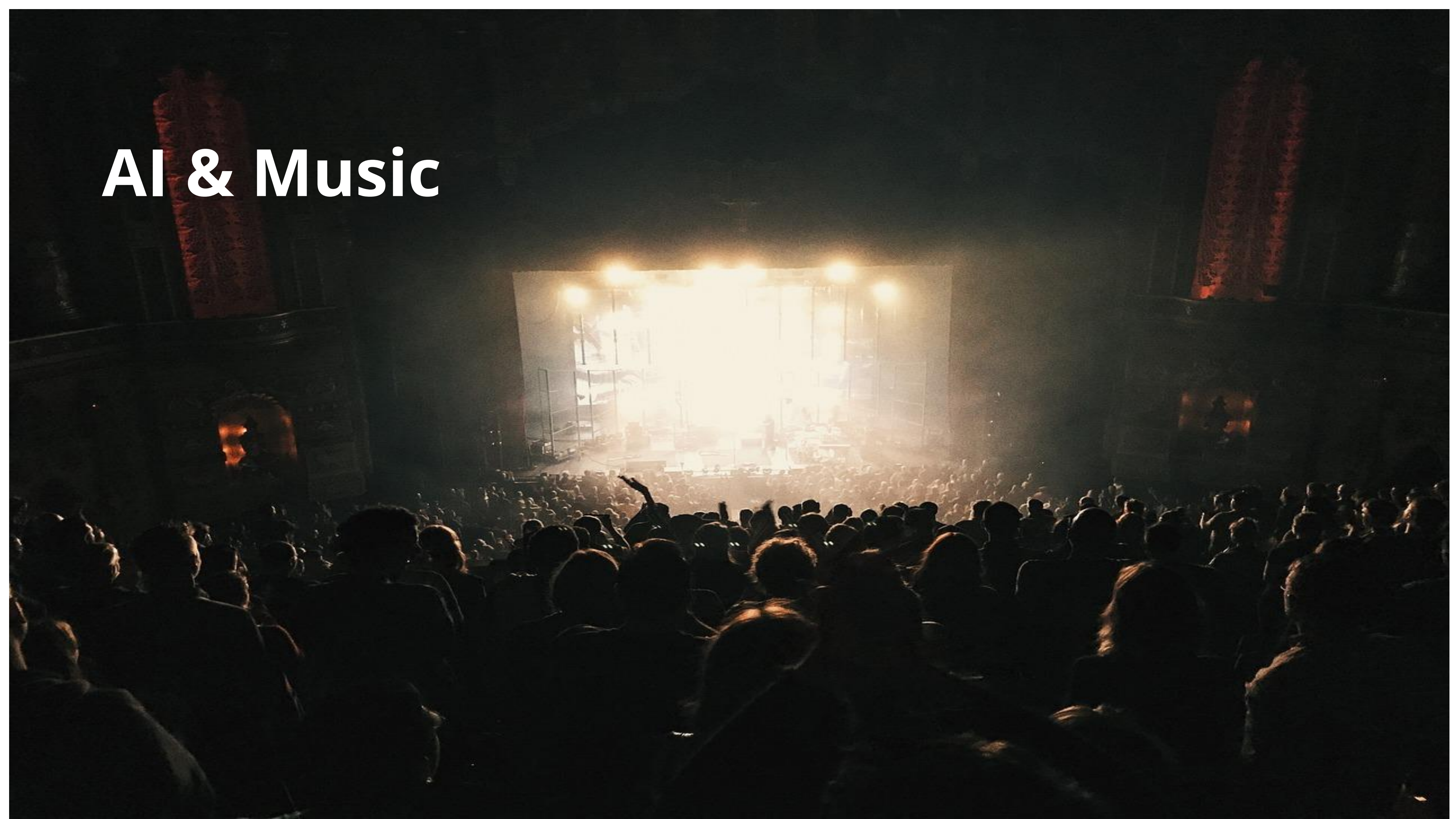
THE NEXT

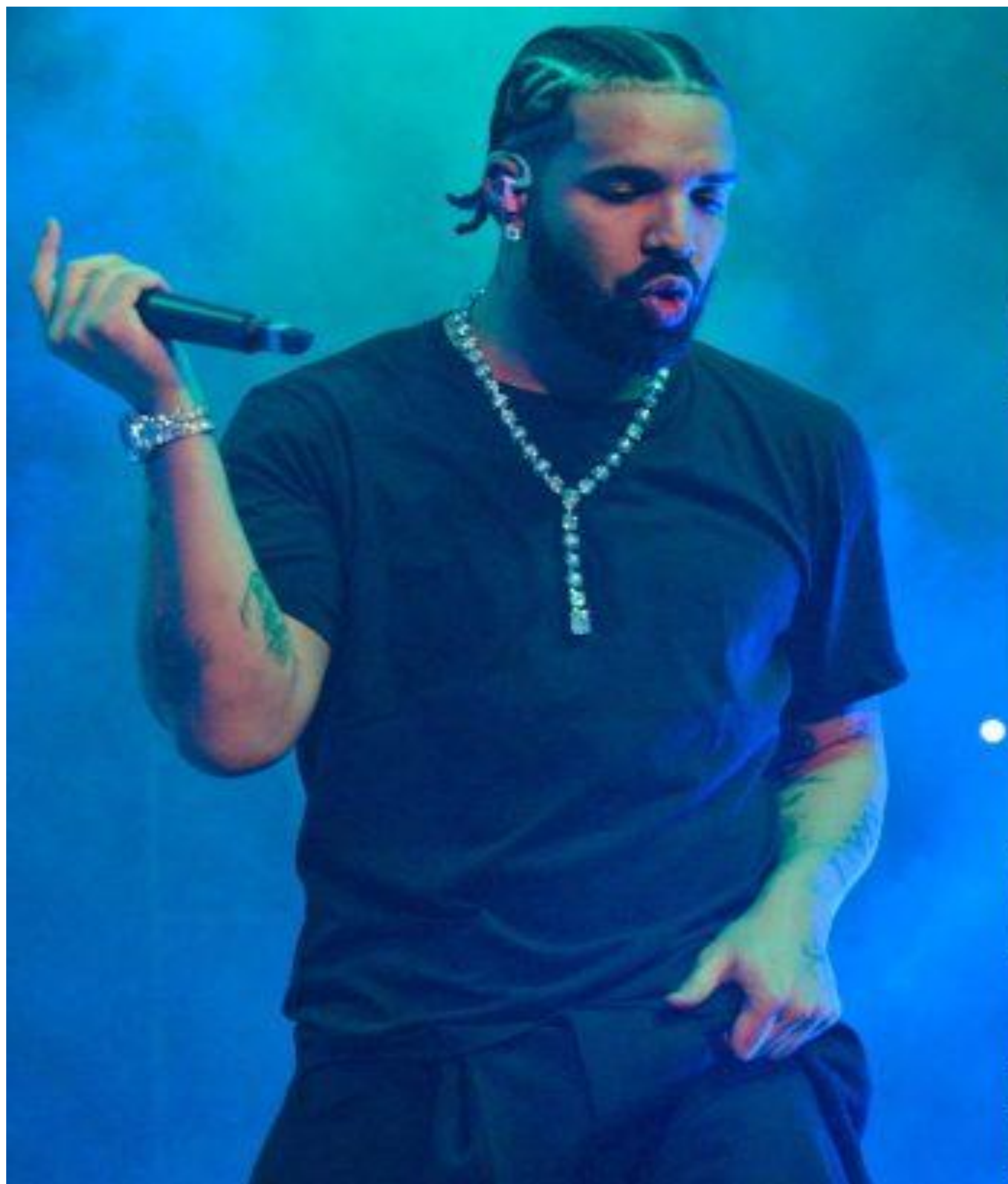
REMBRANDT



Jason Allen's A.I.-generated work, "Théâtre D'opéra Spatial," took first place in the digital category at the Colorado State Fair. via Jason Allen

AI & Music

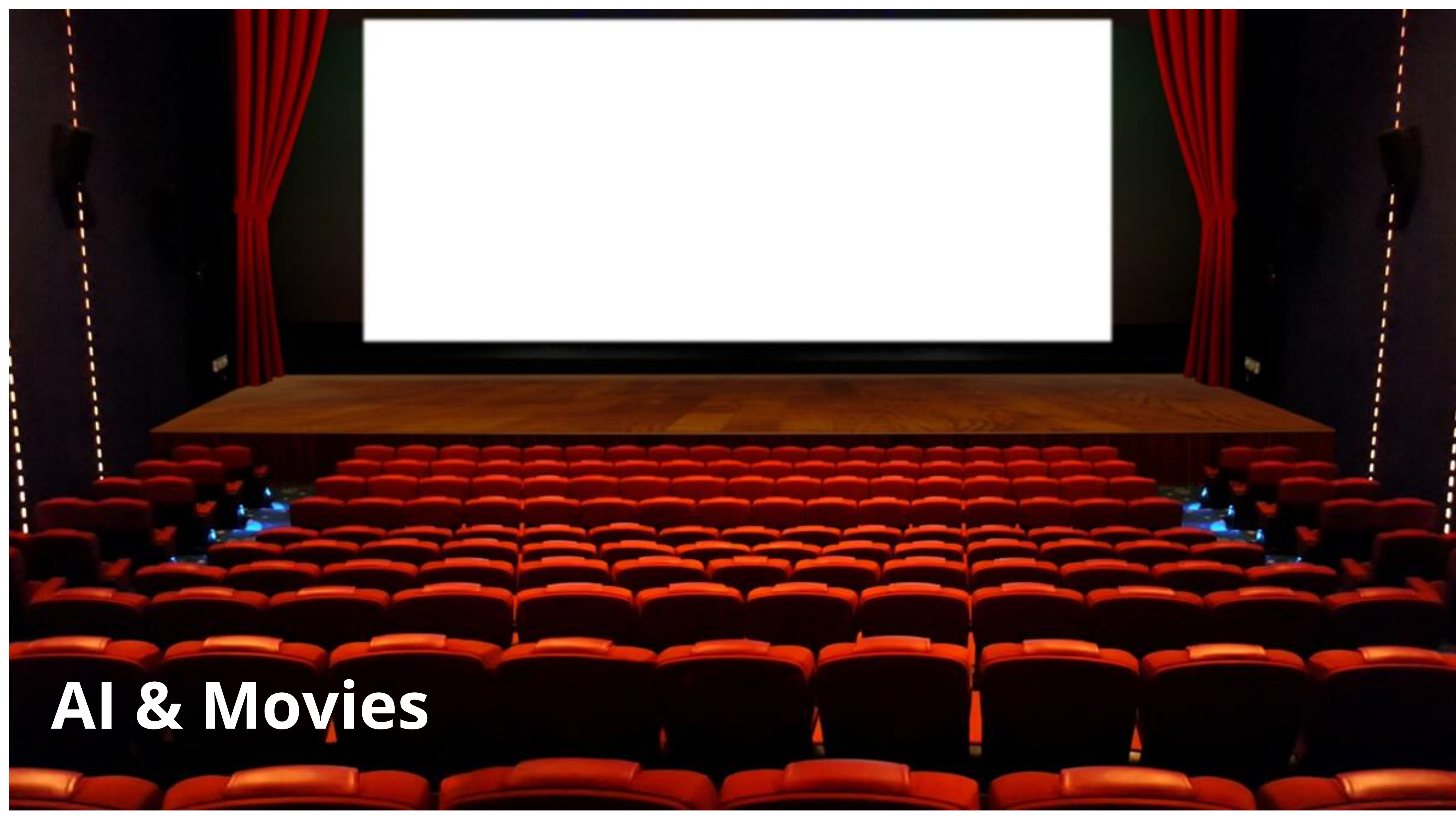






KITZ®





AI & Movies









What about the law?



ARTIFICIAL INTELLIGENCE

May 1, 2023, 4:35 PM GMT+2

13 Comments / 13 New



If you buy something from a Verge link, Vox Media may earn a commission. [See our ethics statement.](#)

Drake's AI clone is here – and Drake might not be able to stop him

Major record labels are going after AI-generated songs, arguing copyright infringement. Legal experts say the approach is far from straightforward.

By **Mia Sato**, platforms and communities reporter with five years of experience covering the companies that shape technology and the people who use their tools.



Photo by Silver Screen Collection / Getty Images

ARTIFICIAL INTELLIGENCE

[read here](#)

Google and YouTube are trying to have it both ways with AI and copyright

Google has made clear it is going to use the open web to inform and create anything it wants, and nothing can get in its way. Except maybe Frank Sinatra.

By **Nilay Patel**, editor-in-chief of the Verge, host of the Decoder podcast, and co-host of The Vergecast.

Aug 22, 2023, 10:25 PM GMT+2 | [27 Comments](#) / [27 New](#)



Getty Images bans AI-generated content over fears of legal challenges



Only human-drawn illustrations allowed. Photo by Amelia Holowaty Krales / The Verge

/ Getty Images is worried about future copyright claims

[read here](#)

By [James Vincent](#), a senior reporter who has covered AI, robotics, and more for eight years at The Verge.

Sep 21, 2022, 4:30 PM GMT+2 | [4 Comments](#) / [0 New](#)





The presence of copyrighted imagery in the training data of AI art generators is obvious from their tendency to reproduce the "Getty Images" watermark. Image: [Lexica](#)

Getty made an AI generator that only trained on its licensed images

/ Generative AI by Getty Images harnesses Getty's vast licensed library of images.

Lo strumento di Getty limita i tipi di immagini che gli utenti possono generare. Non permette di creare una foto di Joe Biden davanti alla Casa Bianca o un gatto nello stile di Andy Warhol o Jeff Koons. **È vietata qualsiasi richiesta con il nome di una persona reale.**

By [Emilia David](#), a reporter who covers AI. Prior to joining The Verge, she covered the intersection between technology, finance, and the economy.

Sep 25, 2023, 3:00 PM GMT+2 | [9 Comments](#) / [9 New](#)



A ballet dancer, In arabesque position, On a grand stage, Background slightly blurred



Photos 1:1 All Color & Mood

Negative prompt ?

96 / 100 generations

GENERATE





The Simpsons creator Matt Groening draws strike sign collectibles for picketers. Image: Brittany Woodside / The Writers Guild of America

LABOR

[read here](#)

These are the biggest wins in the WGA's new labor contract

From its new writers room staffing minimums to guarantees that staffers will receive a bigger cut of streaming residuals, the WGA's new labor contract is set to fundamentally improve working conditions in the entertainment industry.

By **Charles Pulliam-Moore**, a reporter focusing on film, TV, and pop culture. Before The Verge, he wrote about comic books, labor, race, and more at io9 and Gizmodo for almost five years.

Sep 30, 2023, 5:30 PM GMT+2 | [9 Comments](#) / [9 New](#)



- If writers hired by studios so desire, they will be free to "use AI when performing writing services, if the company consents and provided the writer follows applicable company policies.
- Studios may not require hired writers to use AI tools and must also disclose to their writers 'whether materials provided to the writer were generated by AI or incorporate AI-generated material'.
- The contract explicitly prohibits the use of AI "to write or rewrite literary material" that might have been considered as source material for a screenplay, "which means that AI-generated material may not be used to compromise a writer's credits or separate rights".

The WGA refused to give up the possibility of training learning models on scripts already in the possession of the studios.

The WGA reserved the right to 'assert that exploitation of writers' material to train AI is prohibited by the MBA or other laws', suggesting that the organisation intends to act as a watchdog in the future.

George R.R. Martin and other authors sue OpenAI for copyright infringement

/ Westeros won't bend the knee.



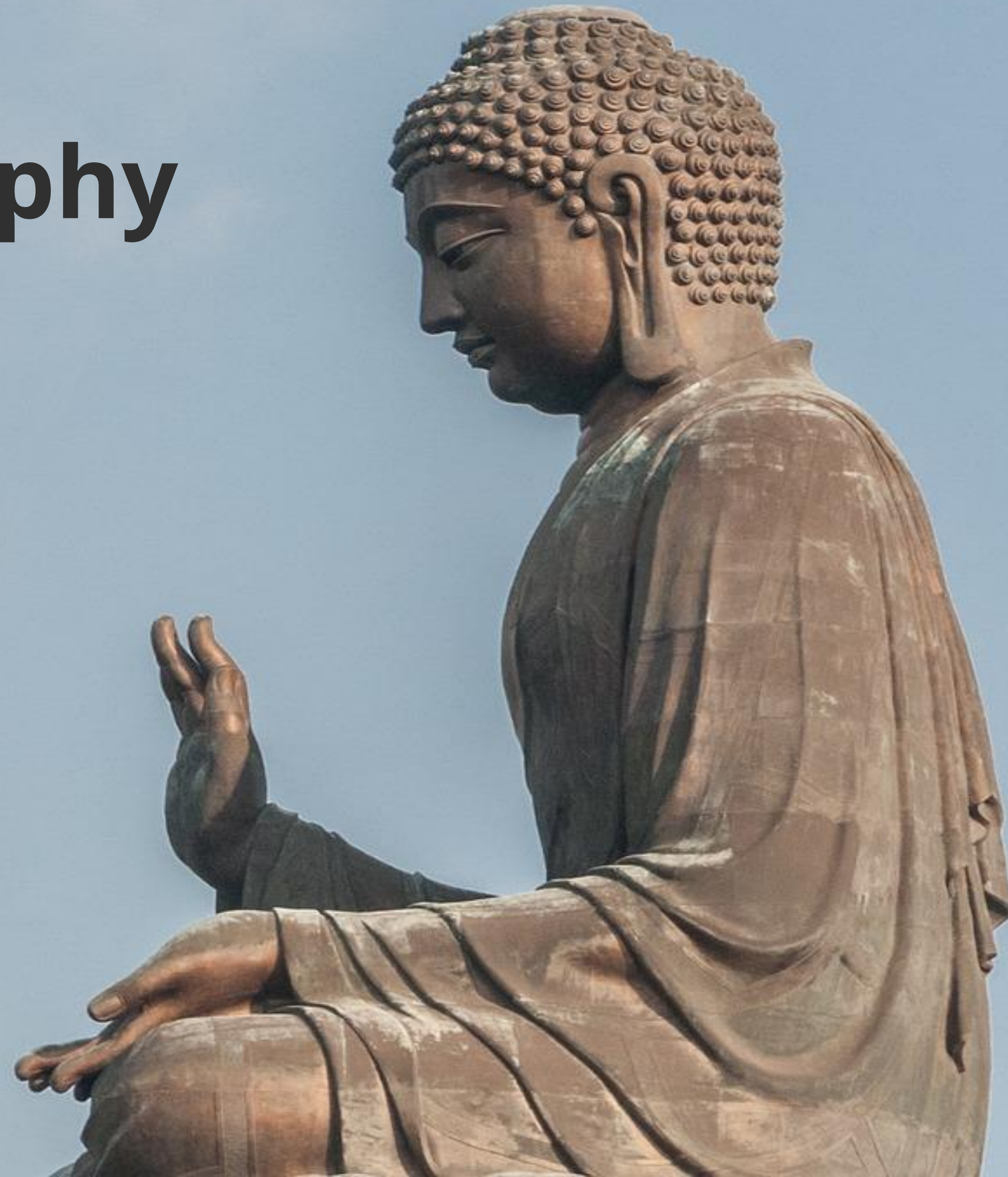
Illustration by Alex Castro / The Verge

By [Emilia David](#), a reporter who covers AI. Prior to joining The Verge, she covered the intersection between technology, finance, and the economy.

Sep 20, 2023, 5:03 PM GMT+2 | [11 Comments](#) / [11 New](#)



AI & Philosophy







Al priest altered after claiming babies can be baptized in gatorade

Al priest altered after claiming babies can be baptized in gatorade

claiming babies can be baptized in gatorade



AI & The News



*Qualche esplosione si
sente ancora. Ma sembra
l'inizio della fine della guerra
mercoledì.*

If I say disinformation, what comes to mind?



How many times have you received an email from your friends/children/partners in urgent need of money?



How many voice messages do you send each day?

They thought loved ones were calling for help. It was an AI scam.

Scammers are using artificial intelligence to sound more like family members in distress. People are falling for it and losing thousands of dollars.



By [Pranshu Verma](#)

March 5, 2023 at 6:00 a.m. EST



The man calling Ruth Card sounded just like her grandson Brandon. So when he said he was in jail, with no wallet or cellphone, and needed cash for bail, Card scrambled to do whatever she could to help.

“It was definitely this feeling of ... fear,” she said. “That we’ve got to help him right now.”

[Washington Post](#), March 5, 2023

They thought loved ones were calling for help. It was an AI scam.

Scammers are using artificial intelligence to sound more like family members in distress. People are falling for it and losing thousands of dollars.



By [Pranshu Verma](#)

March 5, 2023 at 6:00 a.m. EST



In 2022, impostor scams were the second most popular racket in America, with over **36,000 reports** of people being swindled by those pretending to be friends and family, according to [data from the Federal Trade Commission](#).

Over 5,100 of those incidents happened over the phone, accounting for over **\$11 million in losses**, FTC officials said.

They thought loved ones were calling for help. It was an AI scam.

Scammers are using artificial intelligence to sound more like family members in distress. People are falling for it and losing thousands of dollars.



By [Pranshu Verma](#)

March 5, 2023 at 6:00 a.m. EST



“Two years ago, even a year ago, you needed a lot of audio to clone a person’s voice,” Farid said. “Now ... if you have a Facebook page ... or if you’ve recorded a TikTok and your voice is in there for 30 seconds, people can clone your voice.”

[Washington Post](#), March 5, 2023



FEDERAL TRADE COMMISSION

PROTECTING AMERICA'S CONSUMERS

ftc.gov
Chatbots, deepfakes, and voice clones: AI deception for sale
You may have heard of simulation theory, the notion that nothing is real and we're all part of a giant computer program.

1. Should you even be making or selling it?
2. Are you effectively mitigating the risks?
3. Are you over-relying on post-release detection?
4. Are you misleading people about what they're seeing, hearing, or reading?

[FTC](#)

ChatGPT is making up fake Guardian articles. Here's how we're responding

Chris Moran



The risks inherent in the technology, plus the speed of its take-up, demonstrate why it's so vital that we keep track of it

- Chris Moran is the Guardian's head of editorial innovation



A researcher had come across mention of a Guardian article, written by the journalist on a specific subject from a few years before. But **the piece was proving elusive on our website and in search.**

Had the headline perhaps been changed since it was launched?

[The Guardian](#), April 6, 2023

ChatGPT is making up fake Guardian articles. Here's how we're responding

Chris Moran



The risks inherent in the technology, plus the speed of its take-up, demonstrate why it's so vital that we keep track of it

- Chris Moran is the Guardian's head of editorial innovation



The reporter couldn't remember writing the specific piece, but the headline **certainly sounded like something they would have written.**

Despite the detailed records we keep of all our content, and especially around deletions or legal issues, they could find no trace of its existence.

Why? Because it had never been written.

ChatGPT is making up fake Guardian articles. Here's how we're responding

Chris Moran



The risks inherent in the technology, plus the speed of its take-up, demonstrate why it's so vital that we keep track of it

- Chris Moran is the Guardian's head of editorial innovation



Luckily the researcher had told us that they had carried out their research using **ChatGPT**.

In response to being asked about articles on this subject, **the AI had simply made some up.**

Its fluency, and the vast training data it is built on, meant that the existence of the invented piece **even seemed believable to the person who absolutely hadn't written it.**



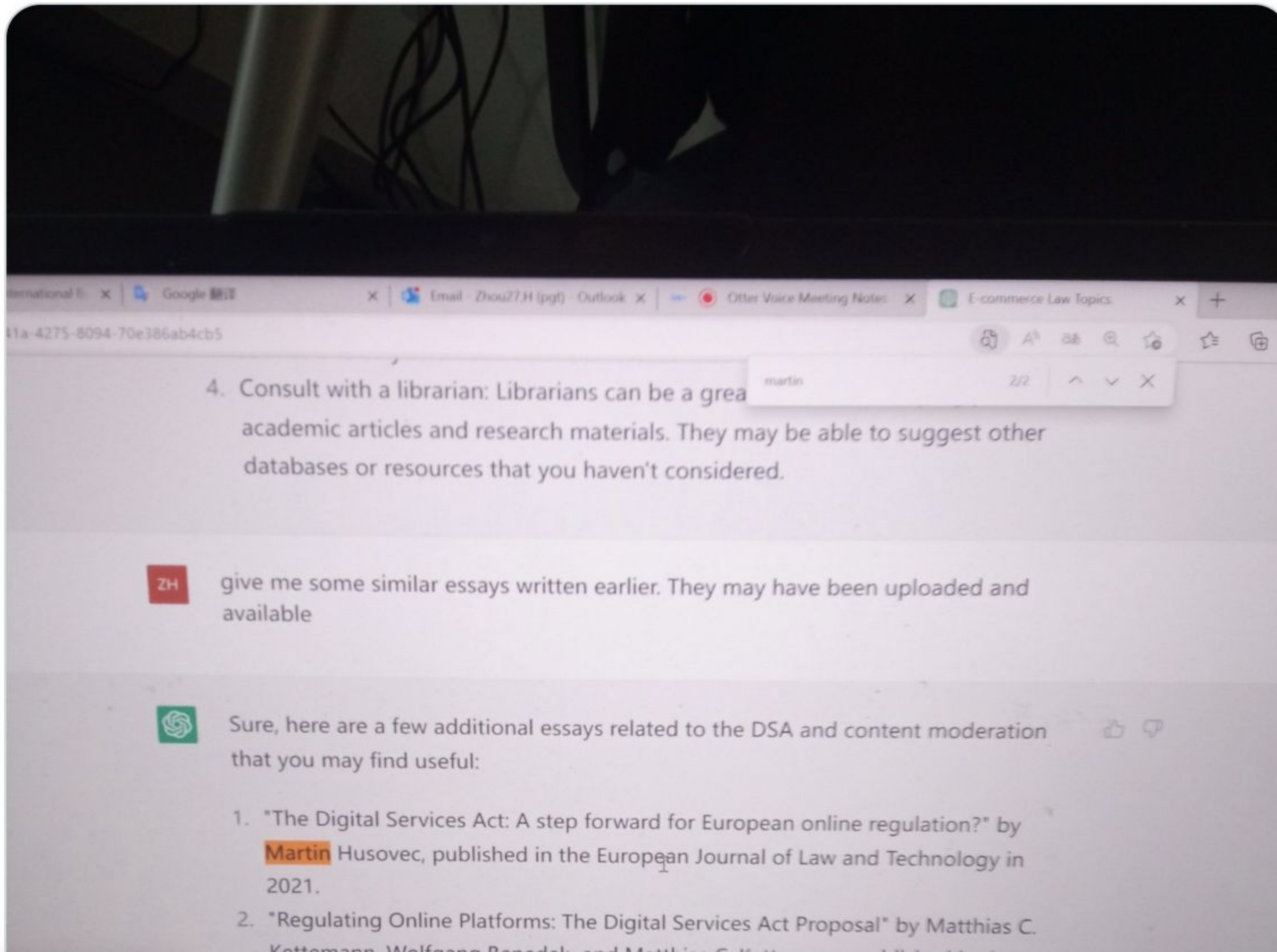
Martin Husovec

@hutko



61

A new era. Thanks to ChatGPT, students can now enrich their literature review with non-existent papers that [@lynskeyo](#), [@MCKettemann](#) or myself have written on content moderation.



A recent study of 1,000 students in the US found that 89% have used ChatGPT to help with a homework assignment.

AI Creates Photo Evidence Of 2001 Earthquake That Never Happened

Matt Novak Contributor ⓘ

FOIA reporter and founder of Paleofuture.com,
writing news and opinion on every aspect of...

Follow

0

Mar 27, 2023, 12:46am EDT



This earthquake never happened, and the [images shared on Reddit](#) were AI-generated.

And this can be a problem, according to Ajder.

"If you're generating a landscape scene as opposed to a picture of a human being, it might be harder to spot," he explained.

CNET is doing big layoffs just weeks after AI-generated stories came to light

Mar 2, 2023 ... Red Ventures is laying off members of **CNET**, as the parent company focuses on **AI** writing and stories optimized for search engines.



CNET found errors in more than half of its AI-written stories

Jan 25, 2023 ... The tech news site came under scrutiny this month after it was reported the outlet was using **AI** to write articles.



Inside CNET's AI-powered SEO money machine

Jan 19, 2023 ... **CNET's AI**-generated stories shocked readers when they were brought to light last week. But Red Ventures, the private equity-backed ...



CNET pushed reporters to be more favorable to advertisers, staffers say

Feb 2, 2023 ... Red Ventures ignored an emailed list of questions from The Verge about its **AI** tool as well as **CNET's** editorial independence and ethics, ...



Every morning around 9AM ET, *CNET* [publishes](#) two stories listing the day's mortgage rates and refinance rates. The story templates are the same every day. **Affiliate links for loans pepper the page.** Average rates float up and down day by day, and sentences are rephrased slightly, but the tone — and content — of each article is as consistent as clockwork.

They are perfectly suited to being generated by AI.

The byline on the mortgage stories is [Justin Jaffe](#), the managing editor of *CNET Money*, but the stories **appear on a different author page that only contains his mortgage rate stories.** His actual author page lists a much wider scope of stories, along with a proper headshot and bio.

Over 70 articles have appeared with the byline “CNET Money Staff” since November, but an editorial note about a robot generating those stories was only visible if readers did a little clicking around.

If I say: the Pope?



If I say: the Pope?



Kumar Manish ✓

@kumarmanish9 · [Follow](#)



67

In the era of deep fake, AI generated images, it is going to be humanly impossible to discern what is fake & real.

Pope Francis in Balenciaga deepfake fooled millions. 



11:51 AM · Mar 31, 2023





Eliot Higgins
@EliotHiggins



Making pictures of Trump getting arrested while waiting for Trump's arrest.



10:22 PM · Mar 20, 2023 · **6.4M** Views

5,502 Retweets **2,358** Quotes **40.7K** Likes **3,254** Bookmarks



Eliot Higgins @EliotHiggins · Mar 21



Meanwhile, in AI Trump world:



84 320 2,873 474.8K





A group of three are raising their cups to cheers, but they not only have an excessive amount of fingers, but one of them has a hand growing out of his arm



The digital images also show people with mouths full of teeth, off-centered necks and missing bits of clothing. One woman appears to have tattoos that look like mold growing on her skin



@tereluprados

Rihanna attends The 2024 #MetGala #MetGala2024

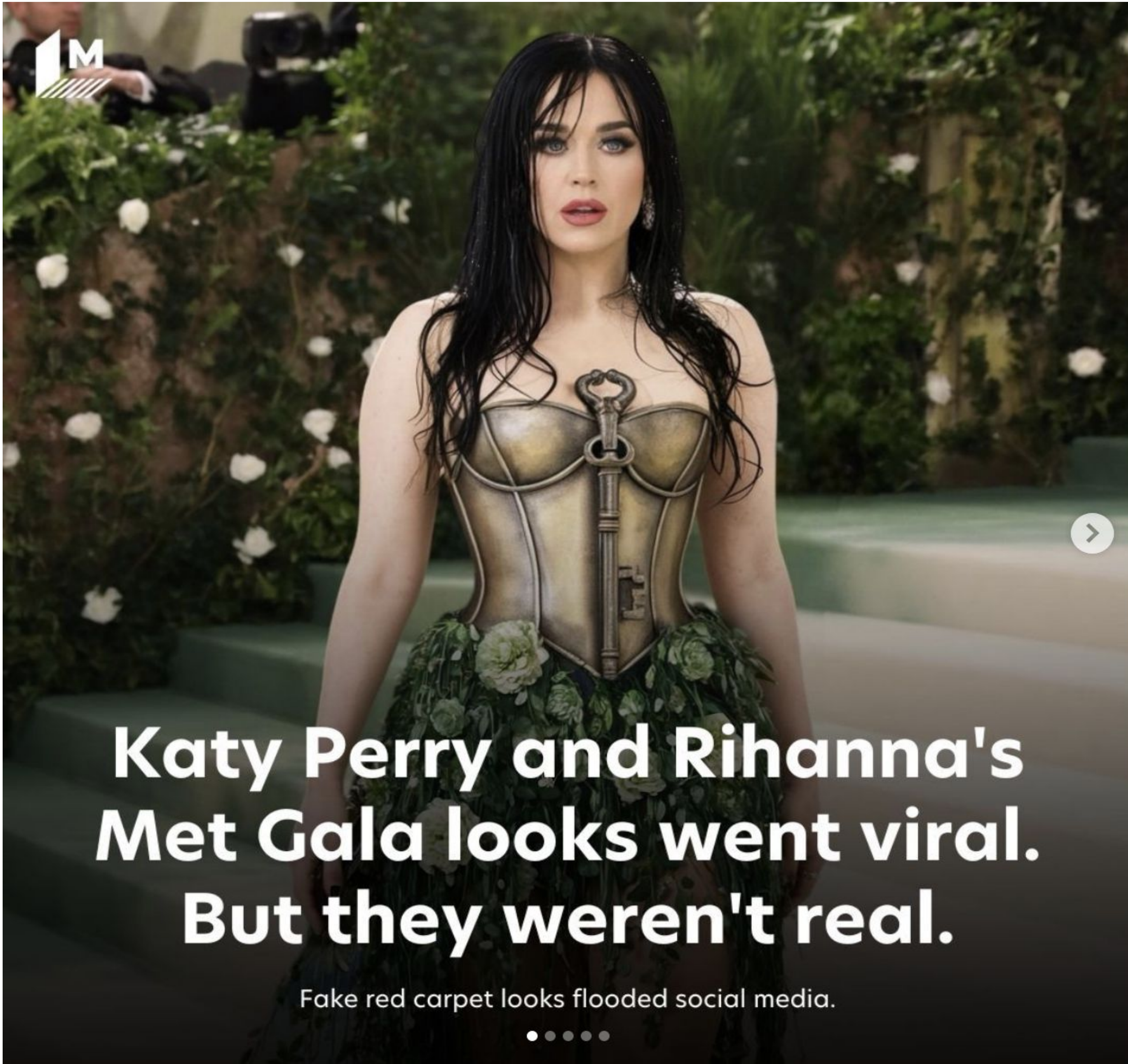


kauán

@wanthatoo

Katy Perry looks absolutely gorgeous on #MetGala 2024.





Katy Perry and Rihanna's Met Gala looks went viral. But they weren't real.

Fake red carpet looks flooded social media.



mashable · Following



73



mashable 1d

Even the Met Gala can't escape AI.

The annual Met Gala is a chance for celebrities to out-do their previous red-carpet looks on the steps of New York's Metropolitan Museum of Art and for the rest of us to observe (and critique) at home. But this year, it became a little harder to do so with confidence, thanks to the infiltration of artificial intelligence.

This year's Met Gala was flooded with AI-generated celebrity looks, bestowed upon a roster of pop culture icons from Katy Perry to Rihanna. Some of these images were of people not even present at the event, while others, like Dua Lipa, were actually in attendance but had fake looks posted of them anyway. Pop star Katy Perry was the subject of many viral AI looks shared online over the evening.



Liked by rk9666khangmail and others

1 day ago





MEDIA | GLOBAL ISSUES

Fact check: How can I spot AI-generated images?

Joscha Weber | Kathrin Wesolowski | Thomas Sparrow

04/09/2023

Midjourney, DALL-E, DeepAI — images created with artificial intelligence tools are flooding social media. Some carry the risk of spreading false information. Which images are real and which are not? Here are a few tips.

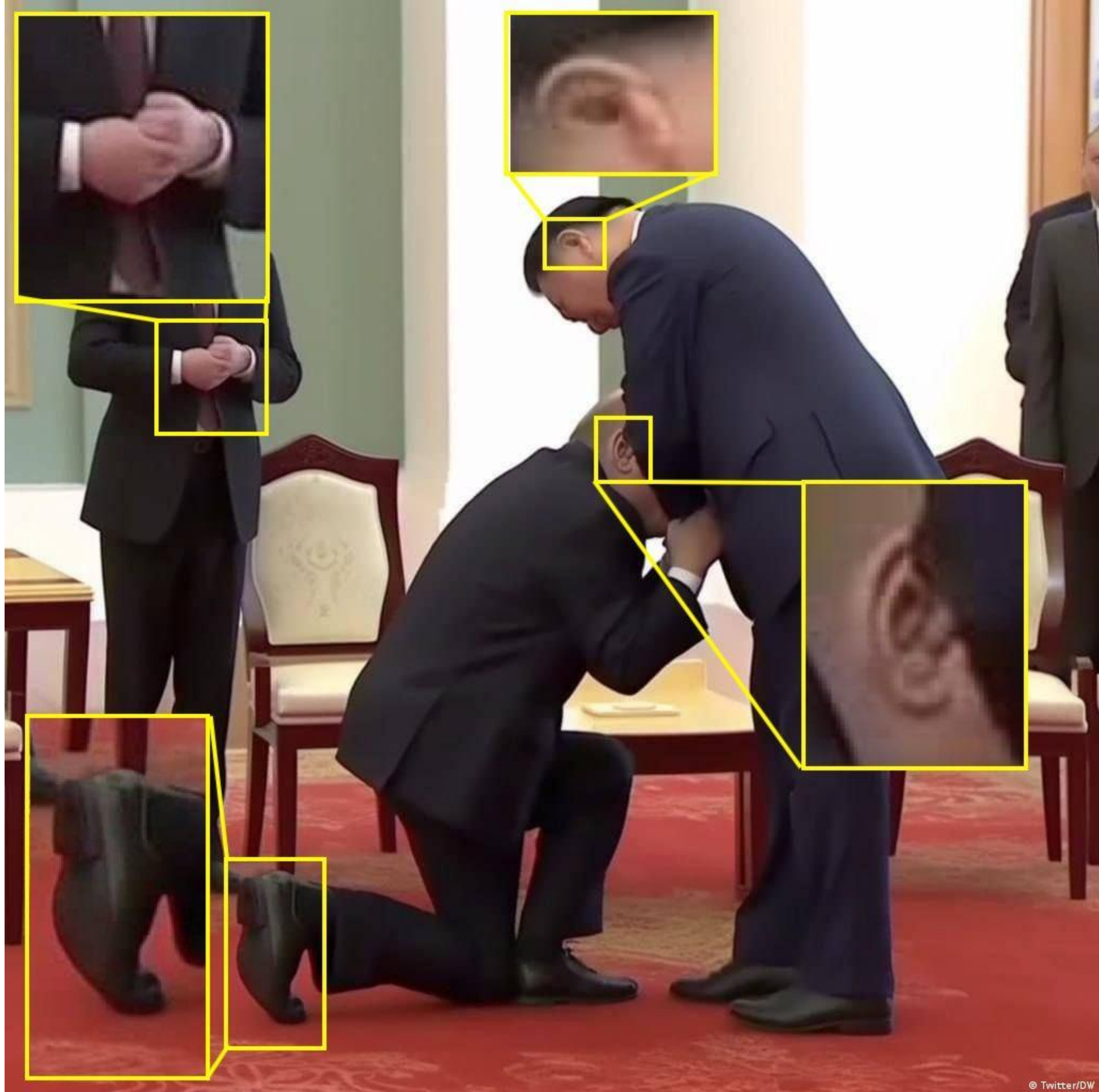
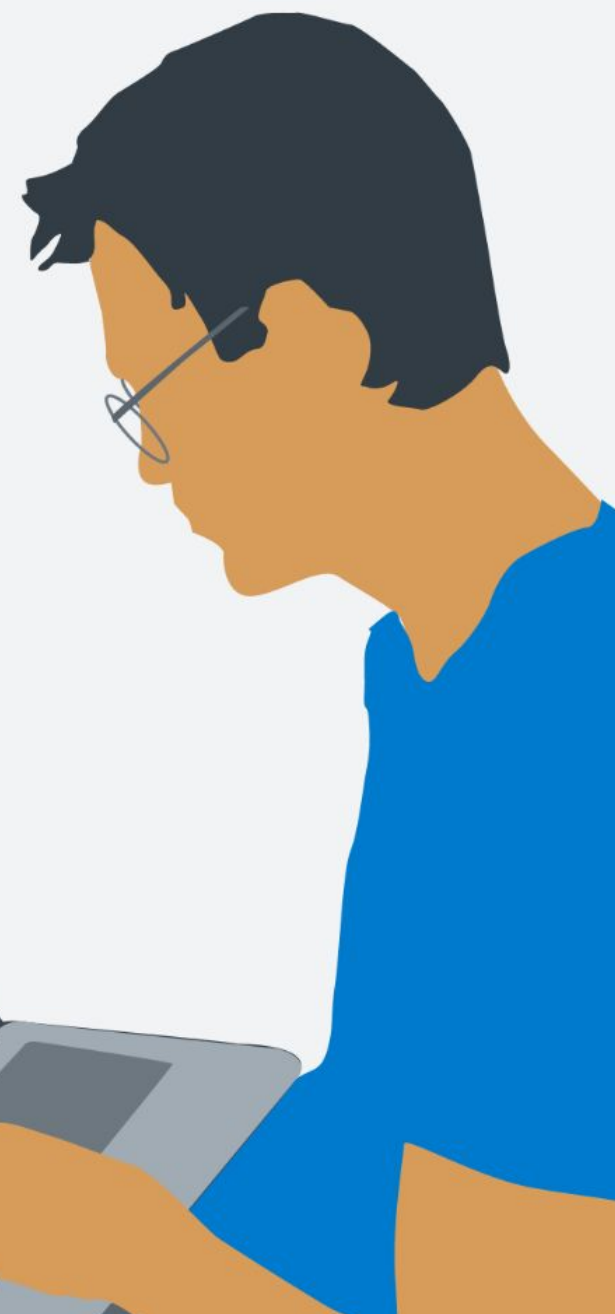
Checklist: How do I spot AI generated images?

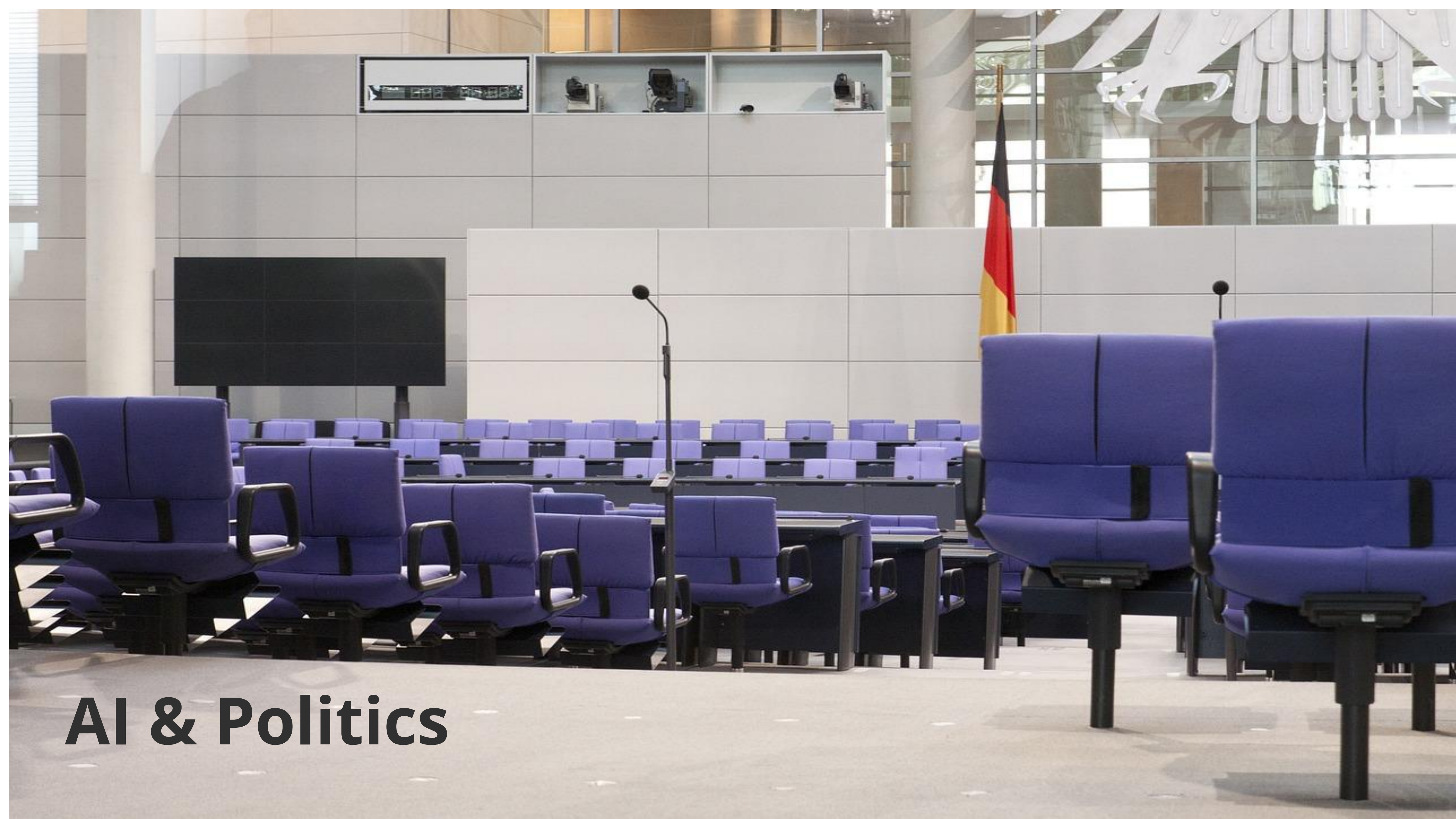
- Look for a high-resolution version of the image. Look closely and zoom in, it's easier to spot inconsistencies
- Pay attention to body proportions. In some AI images, individual body parts such as the head or feet are disproportionately large
- AI programs have problems with certain details: Hands, glasses frames, teeth and ears often show errors, for example a deformation or a sixth finger
- Check the background: if it contains unrealistic elements, the image is probably a fake
- Do a reverse image search, for example via Google Images, Tineye or Yandex, to uncover more details about the image

Status: April 2023



FACT CHECK





AI & Politics

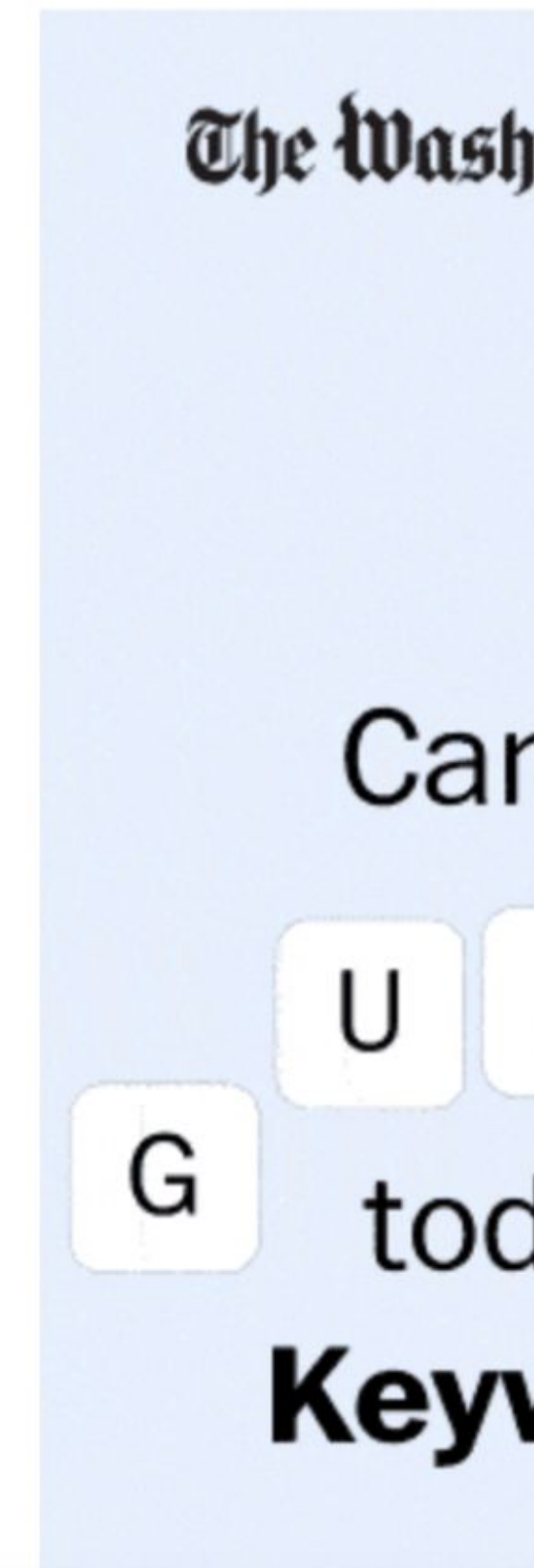


In Arizona, election workers trained with deepfakes to prepare for 2024

“By the end of the second day, you’re like: Trust no one,” said one county recorder who completed the training.

By [Sarah Ellison](#) and [Yvonne Wingett Sanchez](#)

May 8, 2024 at 9:15 a.m. EDT



[LINK](#)

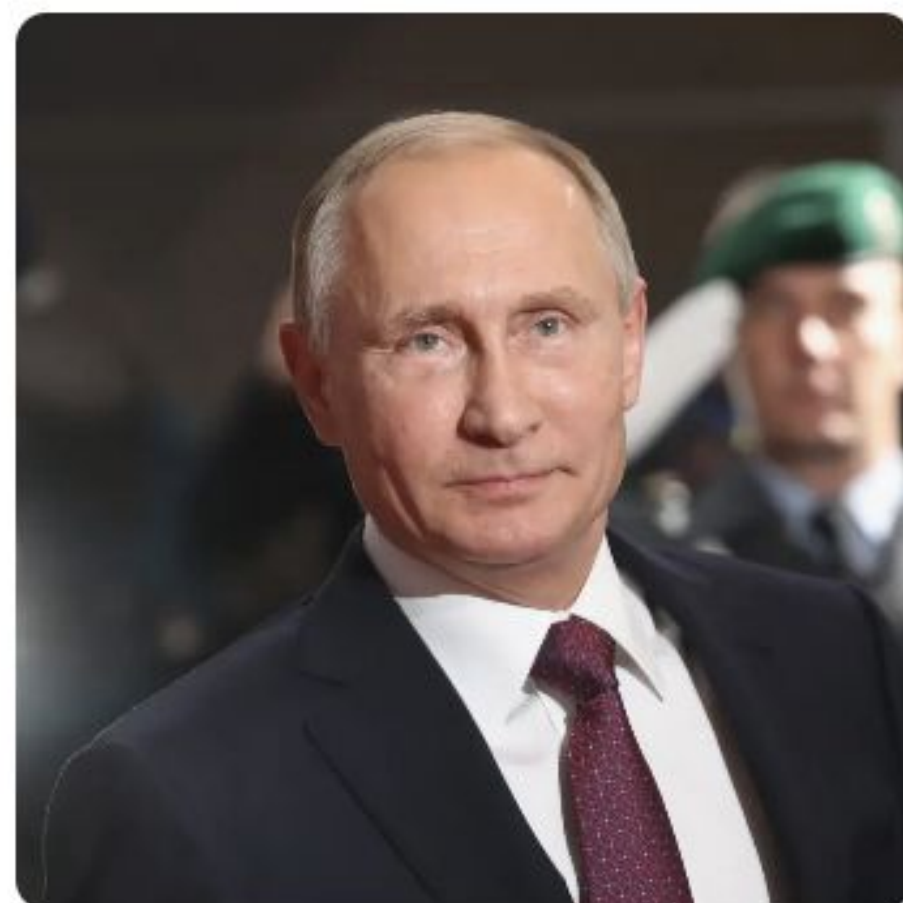
Spot the deepfake: The AI tools undermining our own eyes and ears

Affordable and accessible generative AI tools have led to a rise in false video, images and audio on social media. Can you spot the difference?

[LINK](#)

SELECT ALL THAT APPLY

Which image of Vladimir Putin was AI-generated?



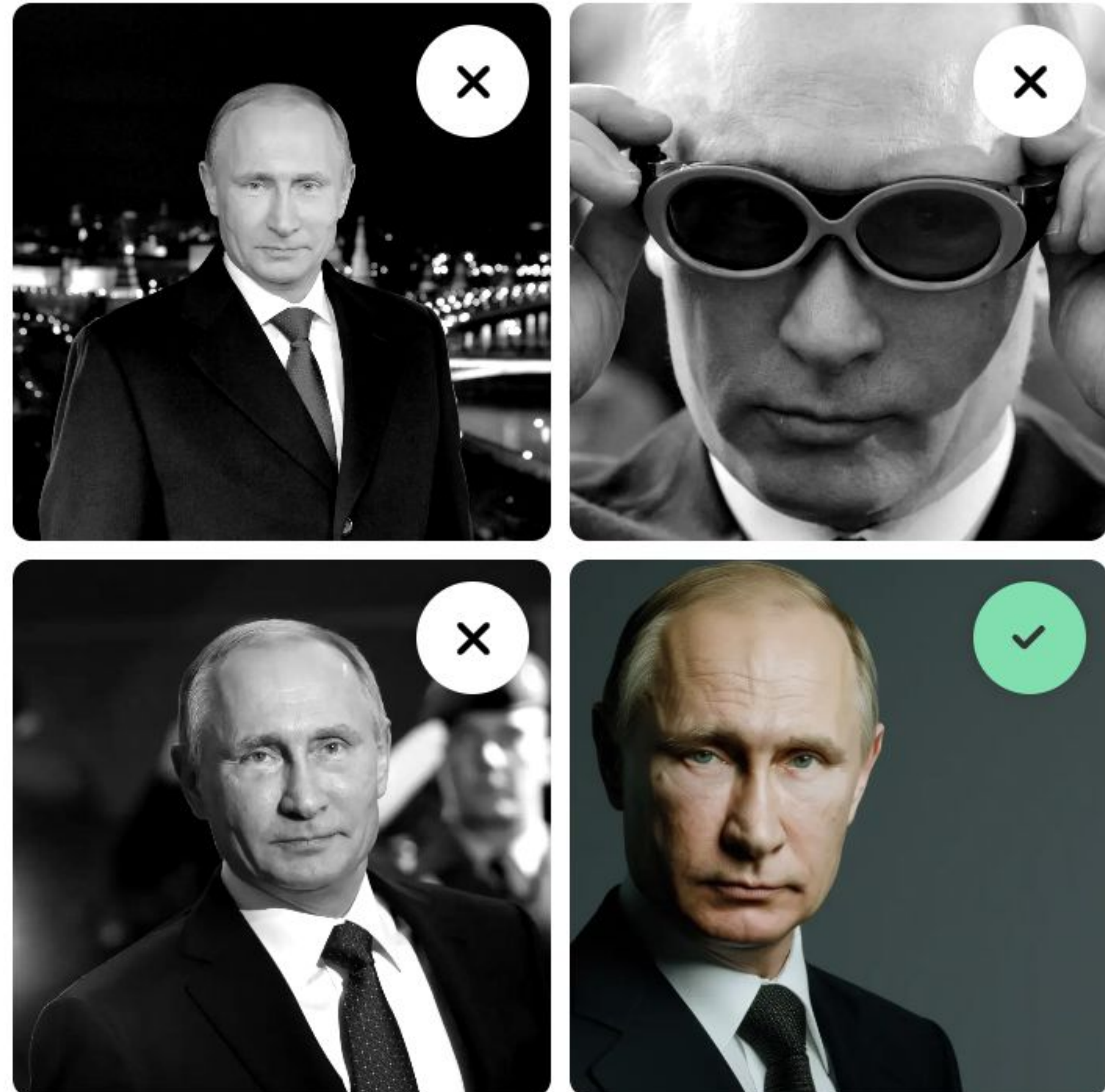
SELECT ALL THAT APPLY

Which image of Vladimir Putin was AI-generated?



Which image of Vladimir Putin was AI-generated?

81



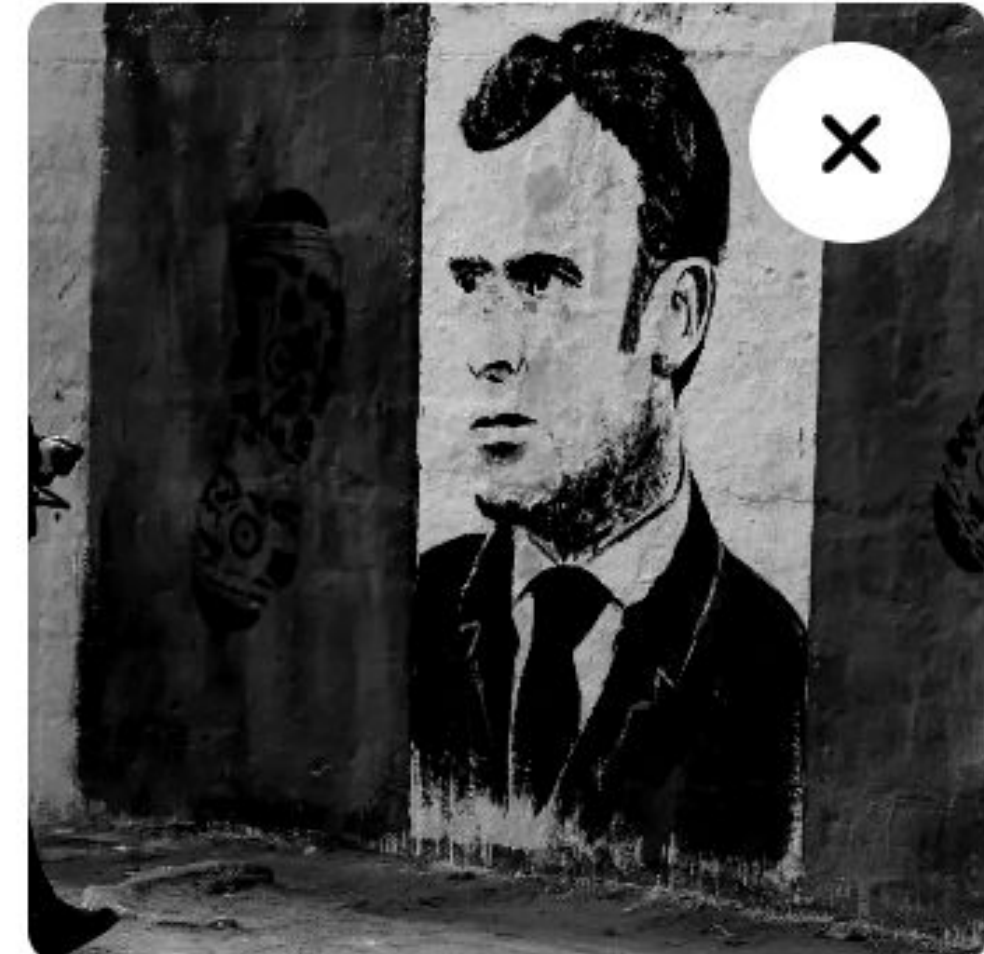
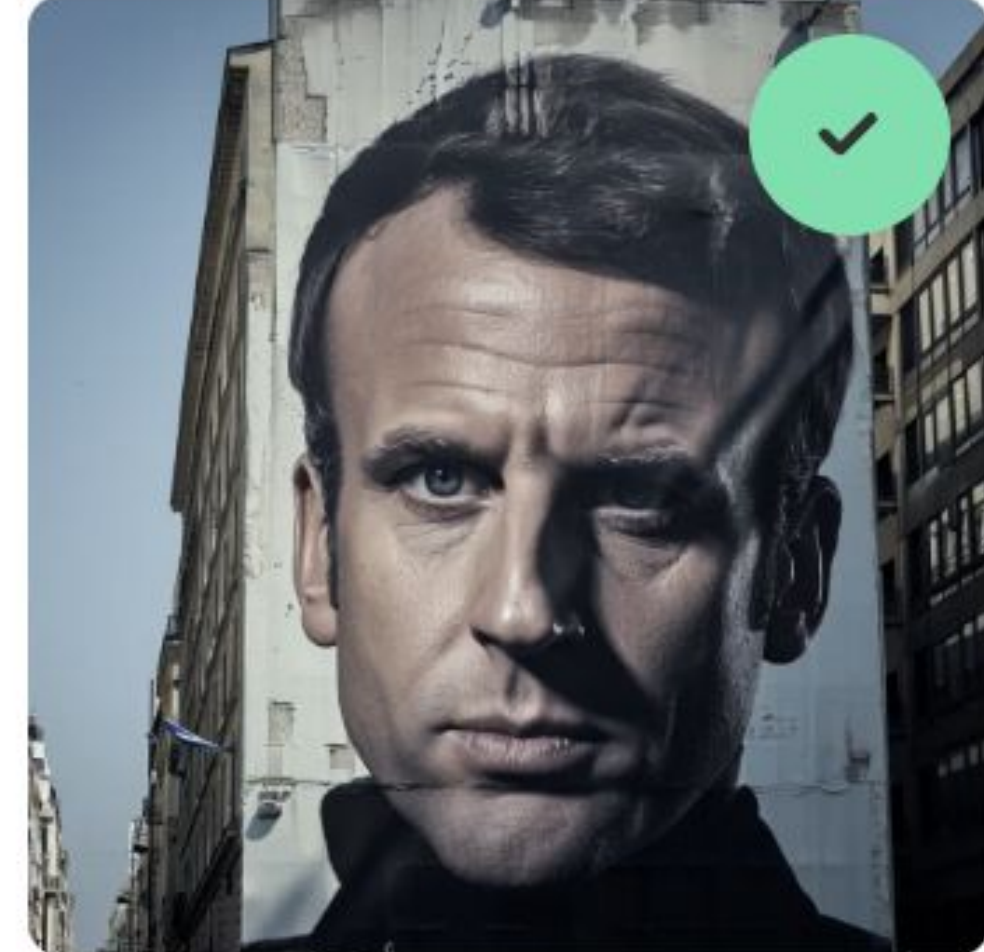
Which image of graffiti art of French President Emmanuel Macron was AI-generated?



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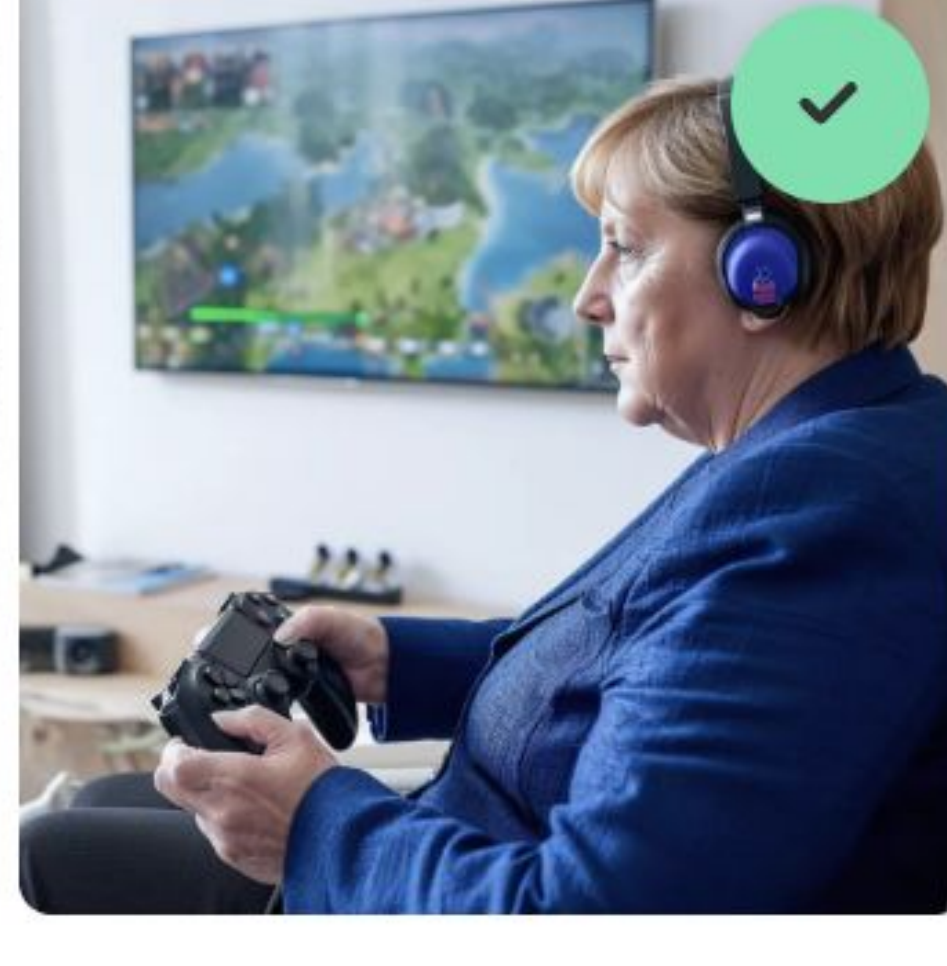
Which image of former German Chancellor Angela Merkel was AI-generated?



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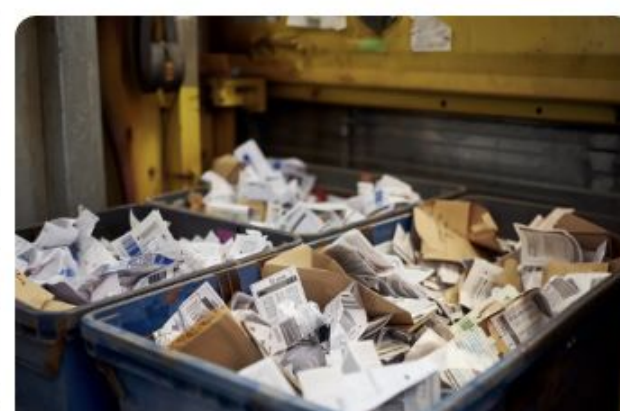
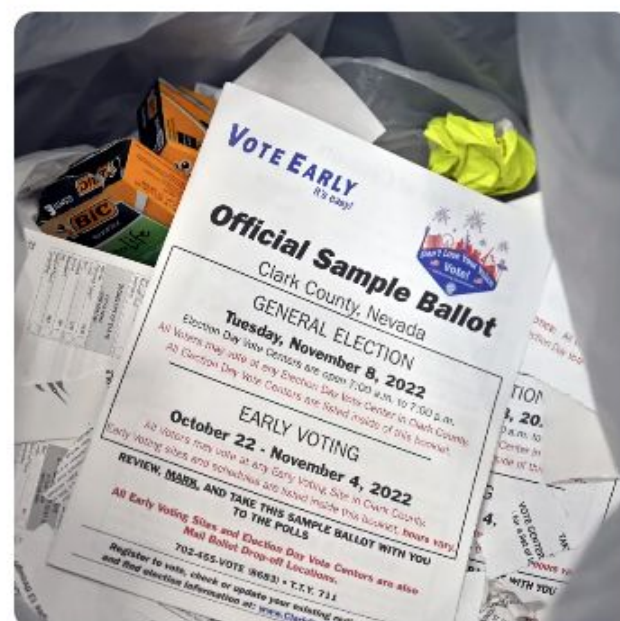
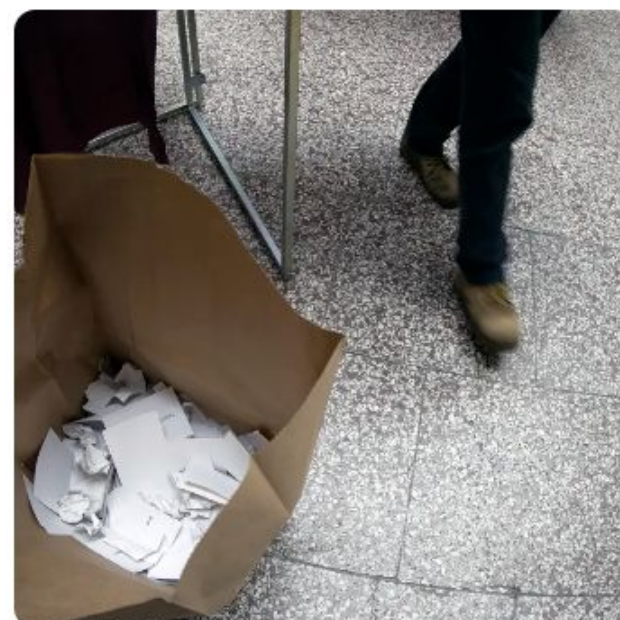


Which image of former German Chancellor Angela Merkel was AI-generated?



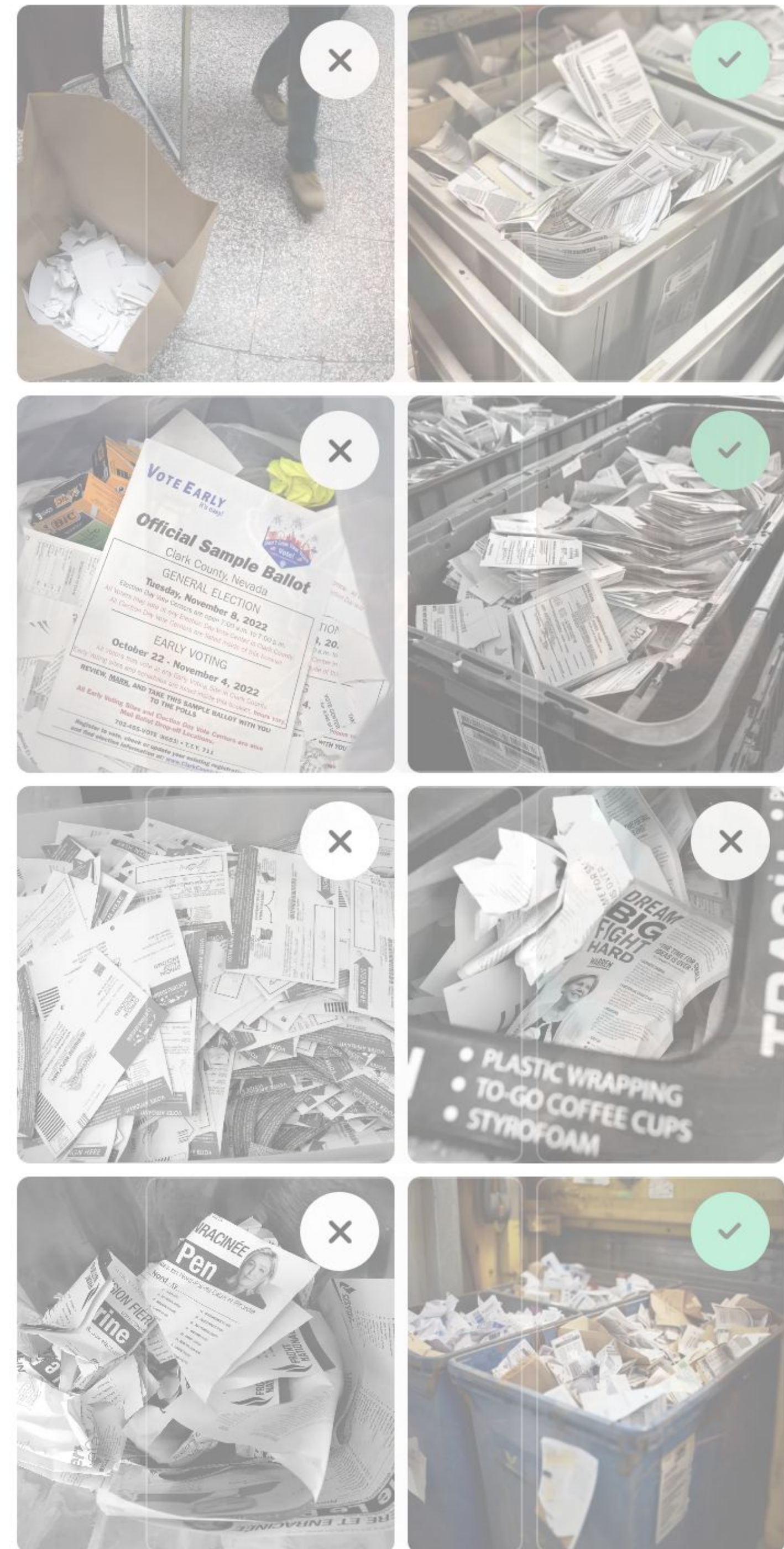
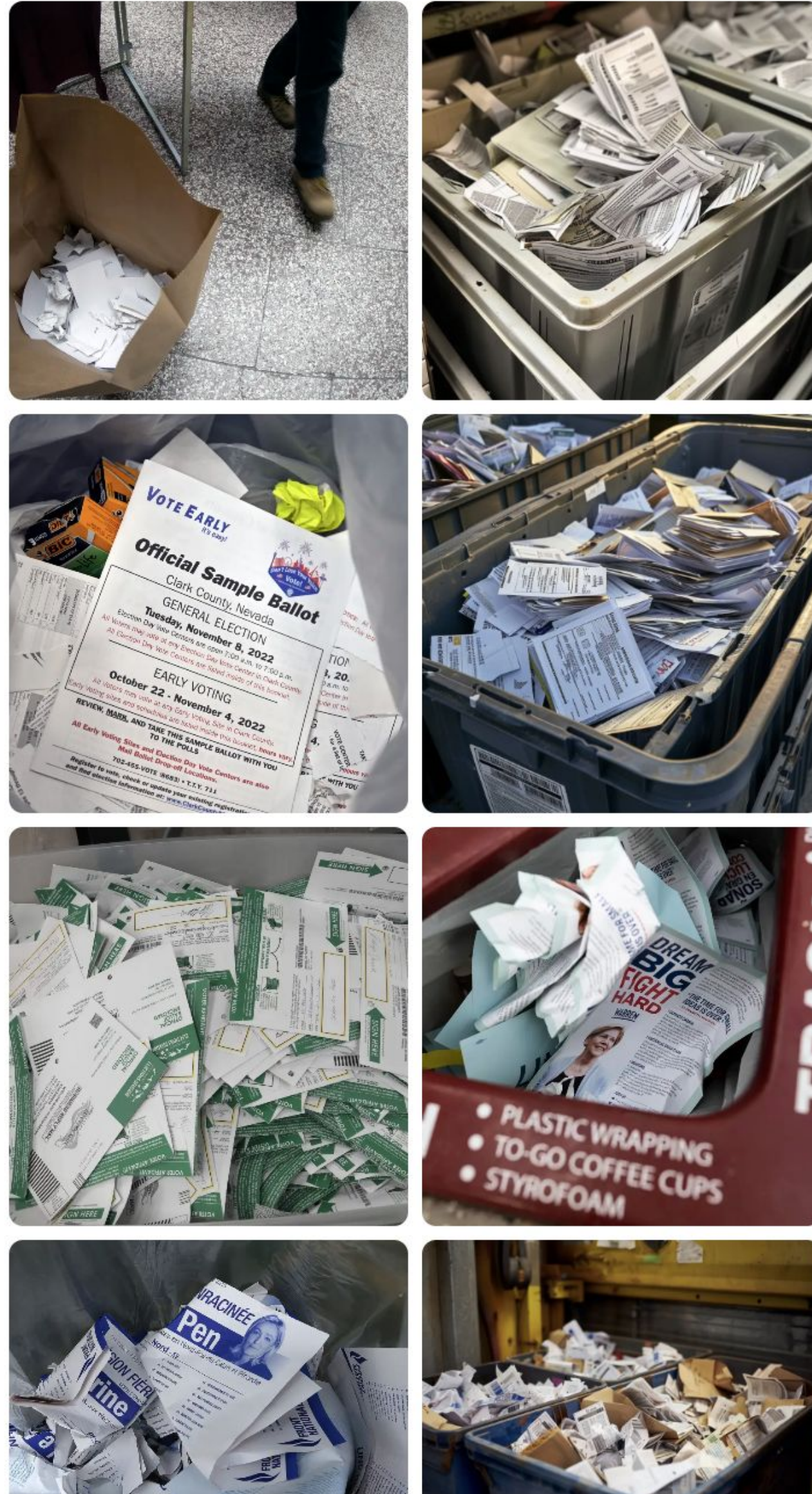
Which images of ballots in the trash were made using AI?

(Pick three.)



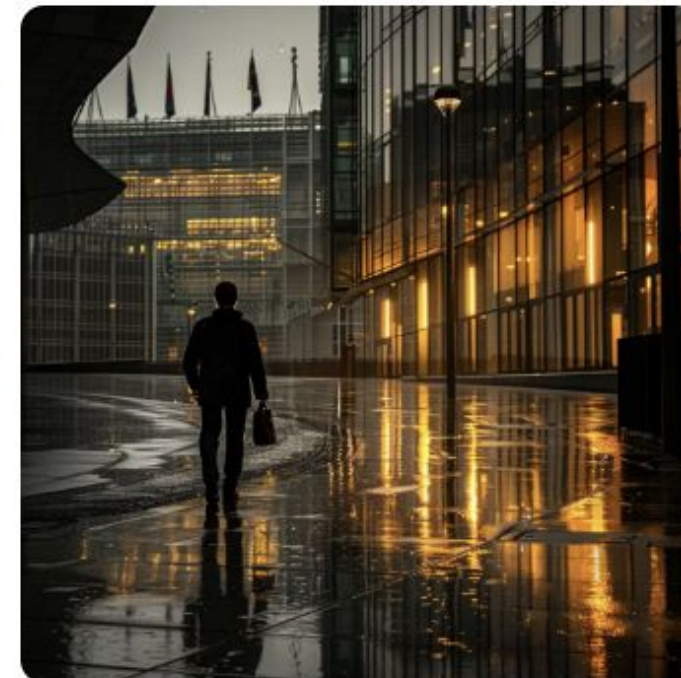
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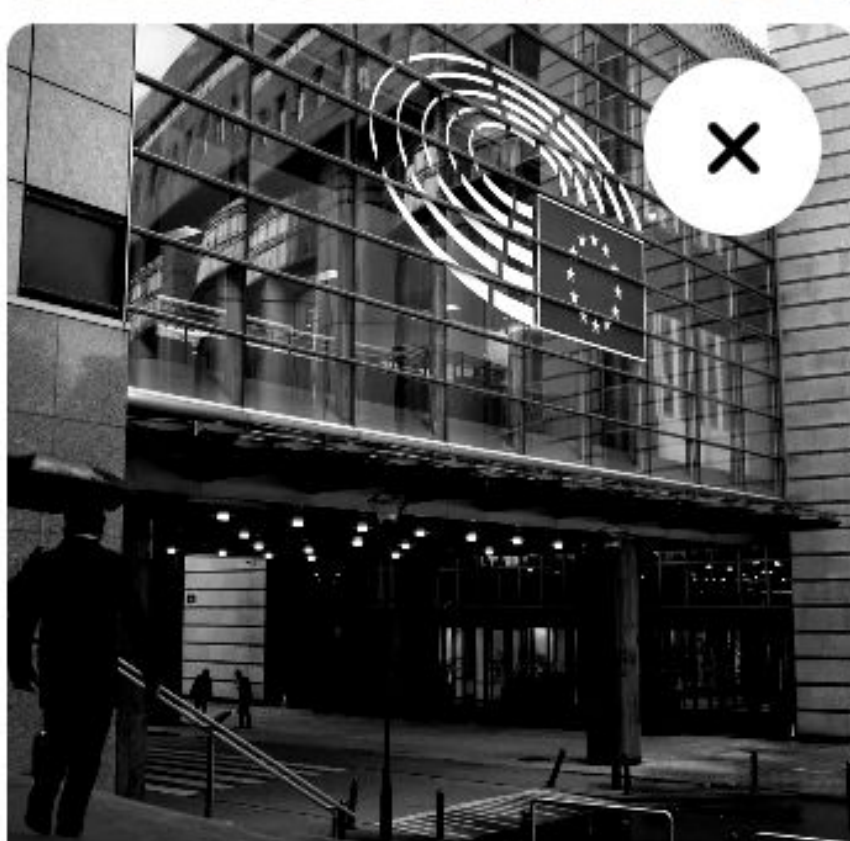
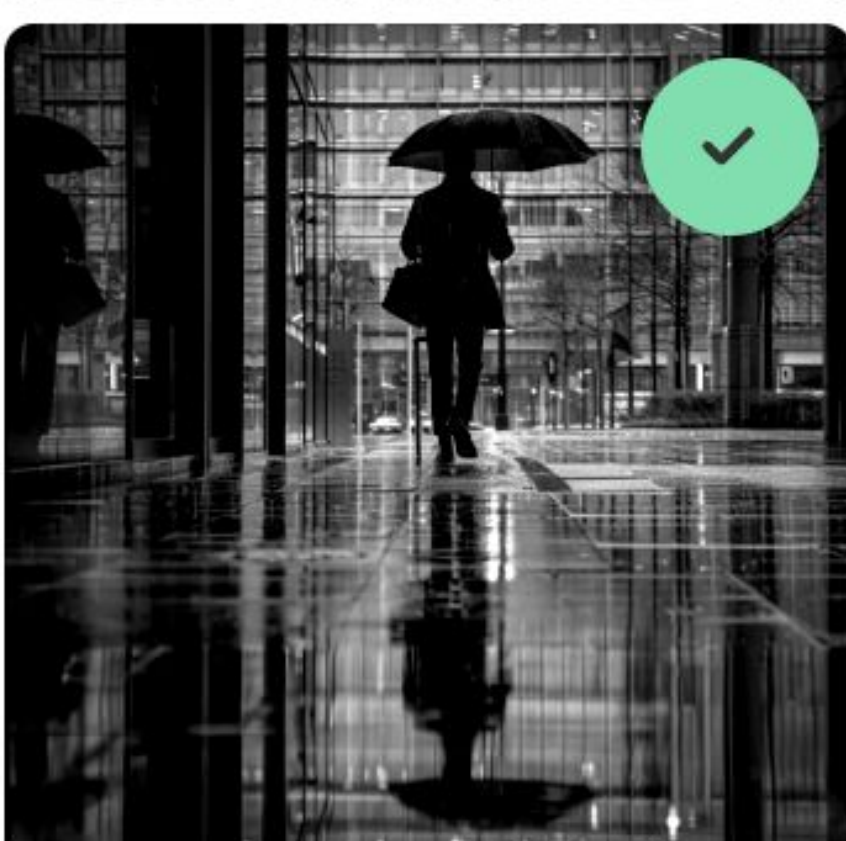
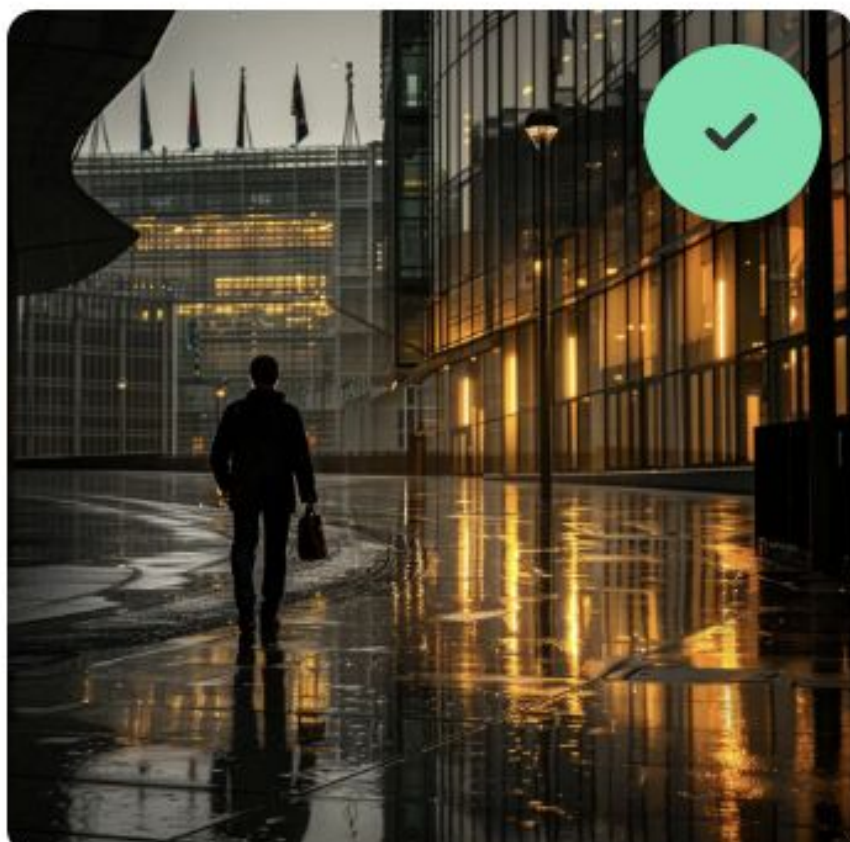
Which images showing a person walking in the rain in Brussels were AI-generated?

(Pick two.)



Which images showing a person walking in the rain in Brussels were AI-generated?

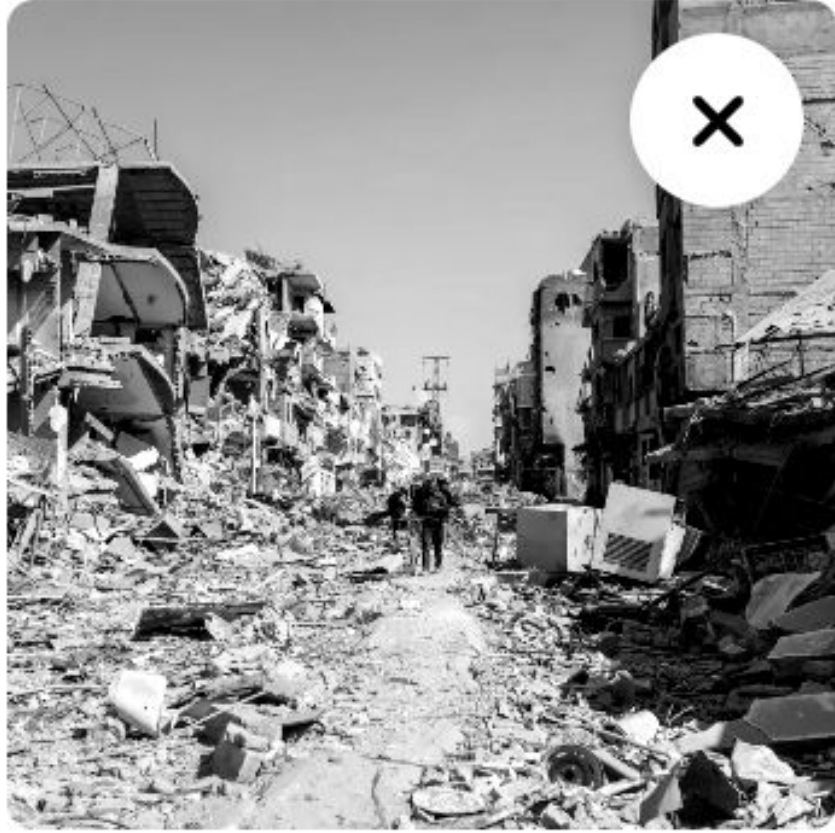
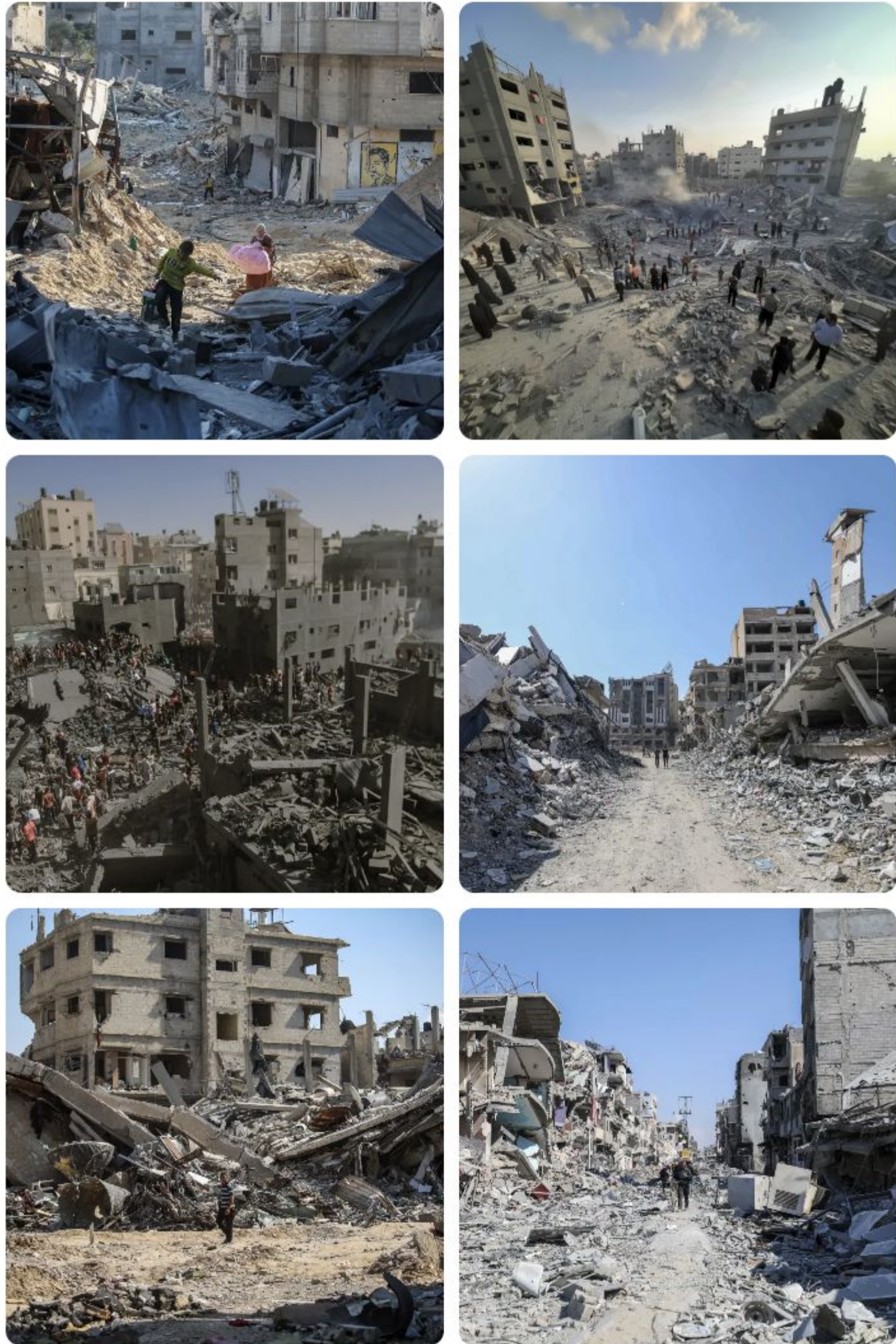
(Pick two.)



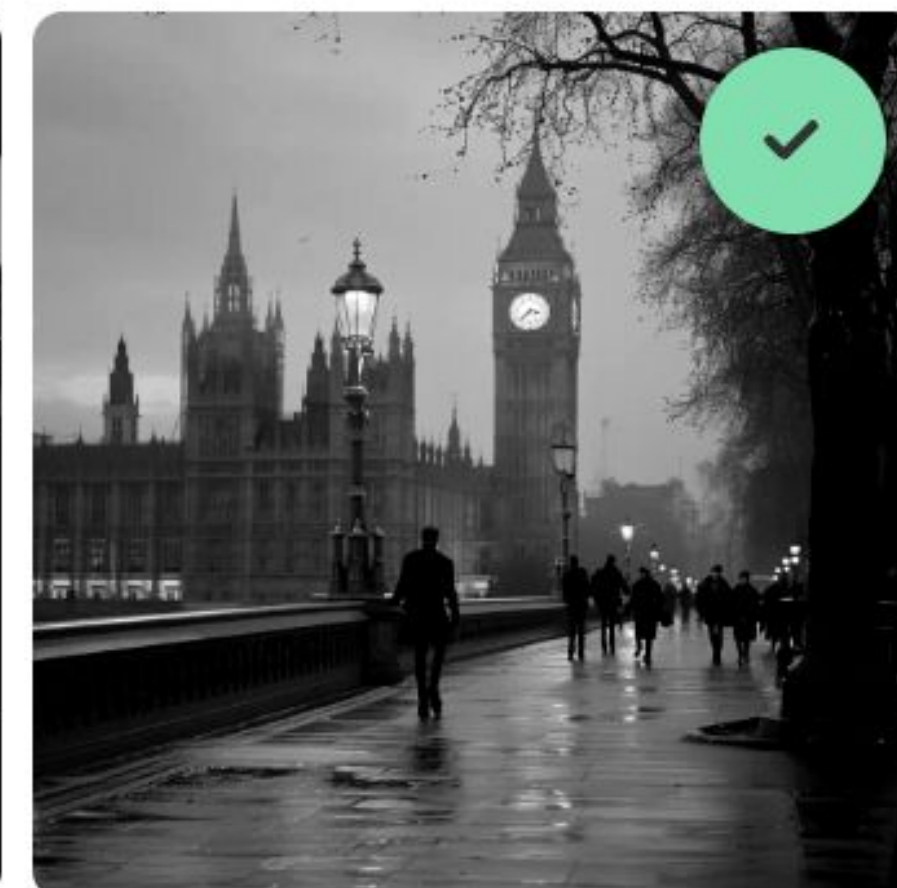
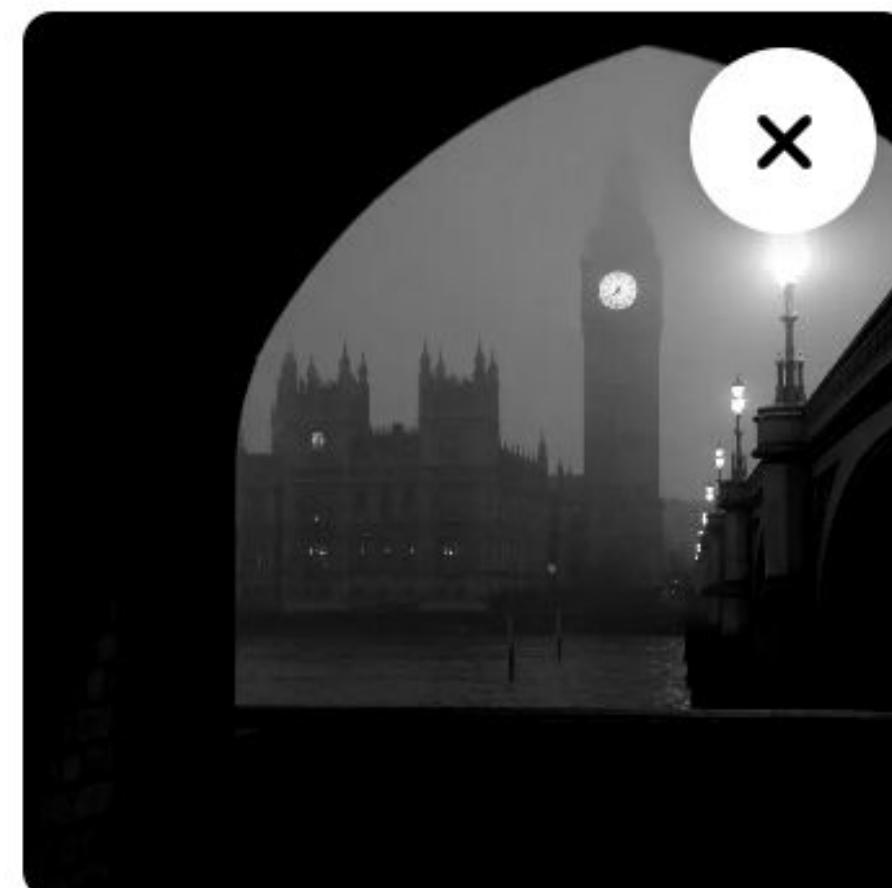
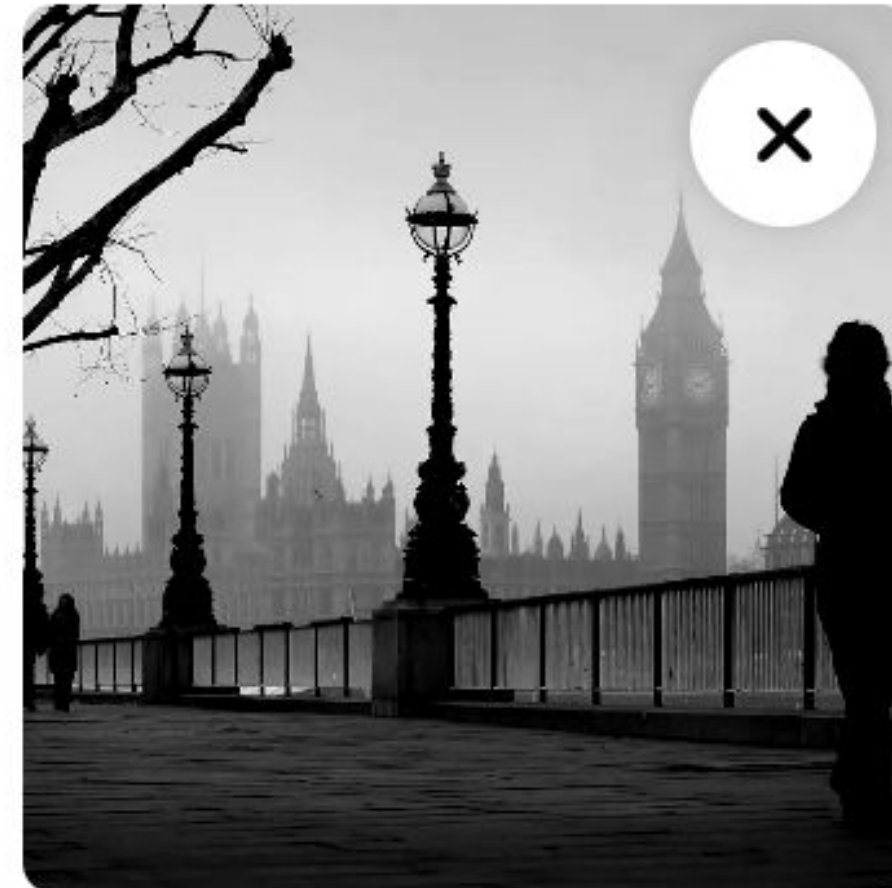
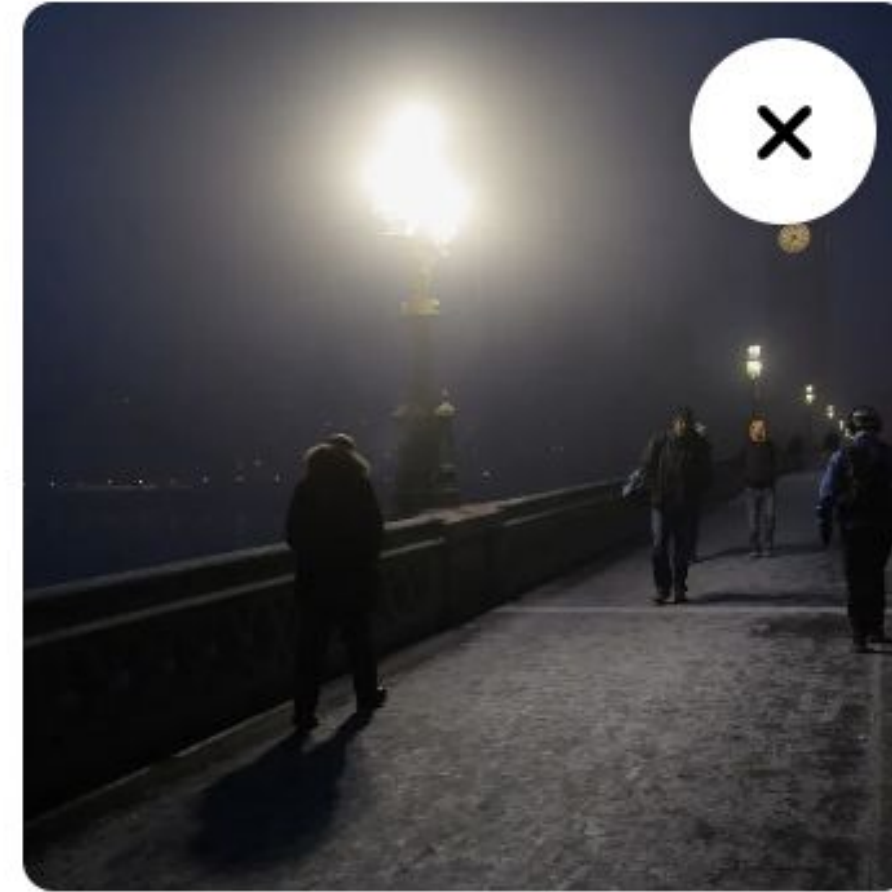
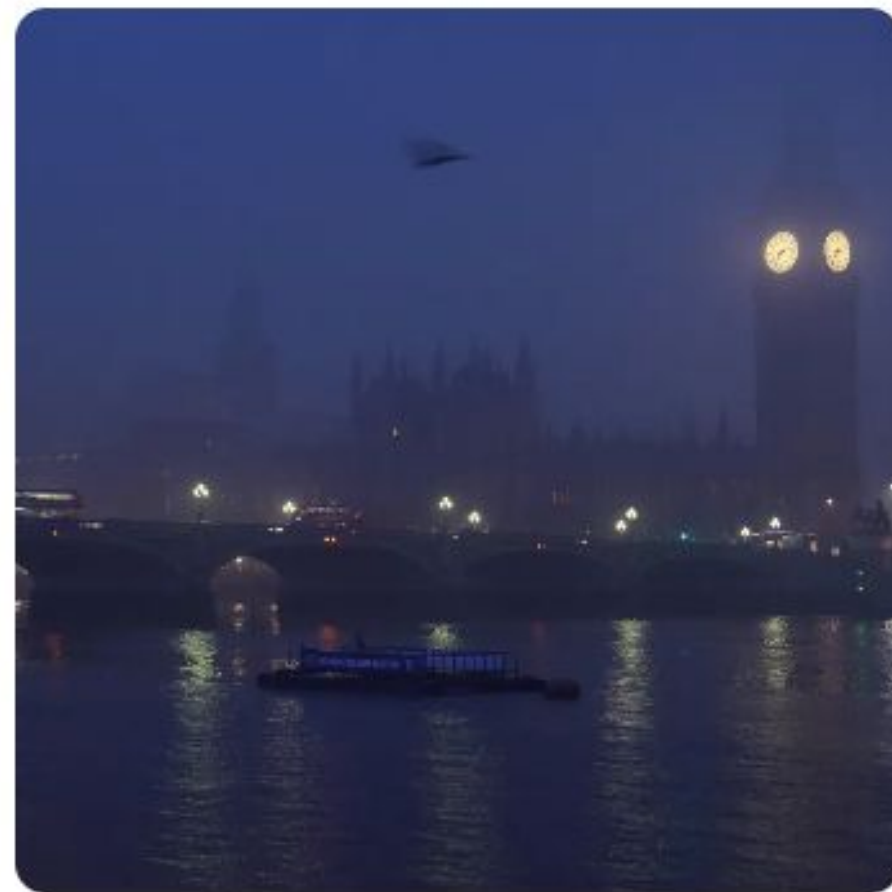
Which image of the aftermath of bombing in Gaza was AI-generated?



Which image of the aftermath of bombing in Gaza was AI-generated?







Which image of UK Prime Minister Rishi Sunak was made using AI?



Which image of UK Prime Minister Rishi Sunak was made using AI?



Which image of UK Prime Minister Rishi Sunak was made using AI?



TV



**WORLD'S
FIRST AI
GOVT
SPOKESPERSON**







“Elle se présente comme une ‘fière Française’ qui adore ‘sa tata’, Marine Le Pen, et parsème chacune de ses publications d’un drapeau français. Seul hic : elle n’est pas réelle”, rapporte la Radio Télévision Suisse (RTS).

En réalité, la jeune femme fictive, qui “surfe sans équivoque sur sa ressemblance troublante avec Marine Le Pen et revendique son attachement aux valeurs du Rassemblement national”, est un deepfake, créé par une intelligence artificielle.

Réseaux sociaux.

Amandine Le Pen,
la fausse nièce de Marine
générée par une IA



**Amandine Le Pen, 24 ans,
compte plus de 30 000 abonnés
sur TikTok, où elle dévoile fièrement
son patriotisme et ses affiliations
nationalistes.**

Problème: Amandine n'existe pas

AI & Work







FORWARD TO

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World

Insight - Amazon scraps secret AI recruiting tool that showed bias against women

By Jeffrey Dastin

October 11, 2018 2:50 AM GMT+2 · Updated 6 years ago



Why?

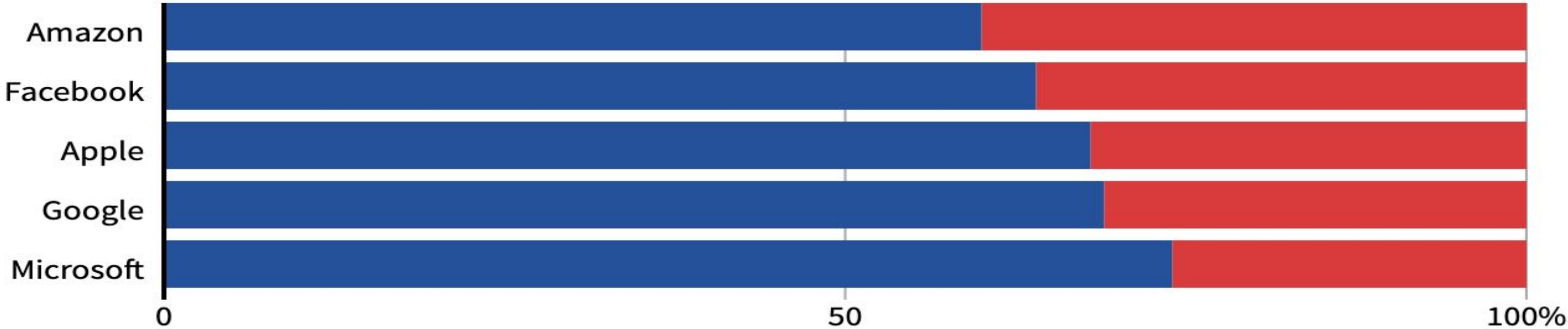


Dominated by men

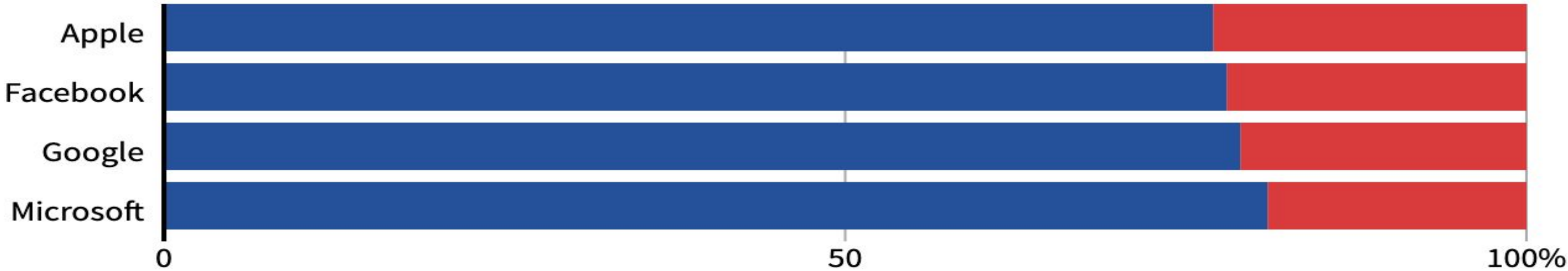
Top U.S. tech companies have yet to close the gender gap in hiring, a disparity most pronounced among technical staff such as software developers where men far outnumber women. Amazon’s experimental recruiting engine followed the same pattern, learning to penalize resumes including the word “women’s” until the company discovered the problem.

GLOBAL HEADCOUNT

Male Female

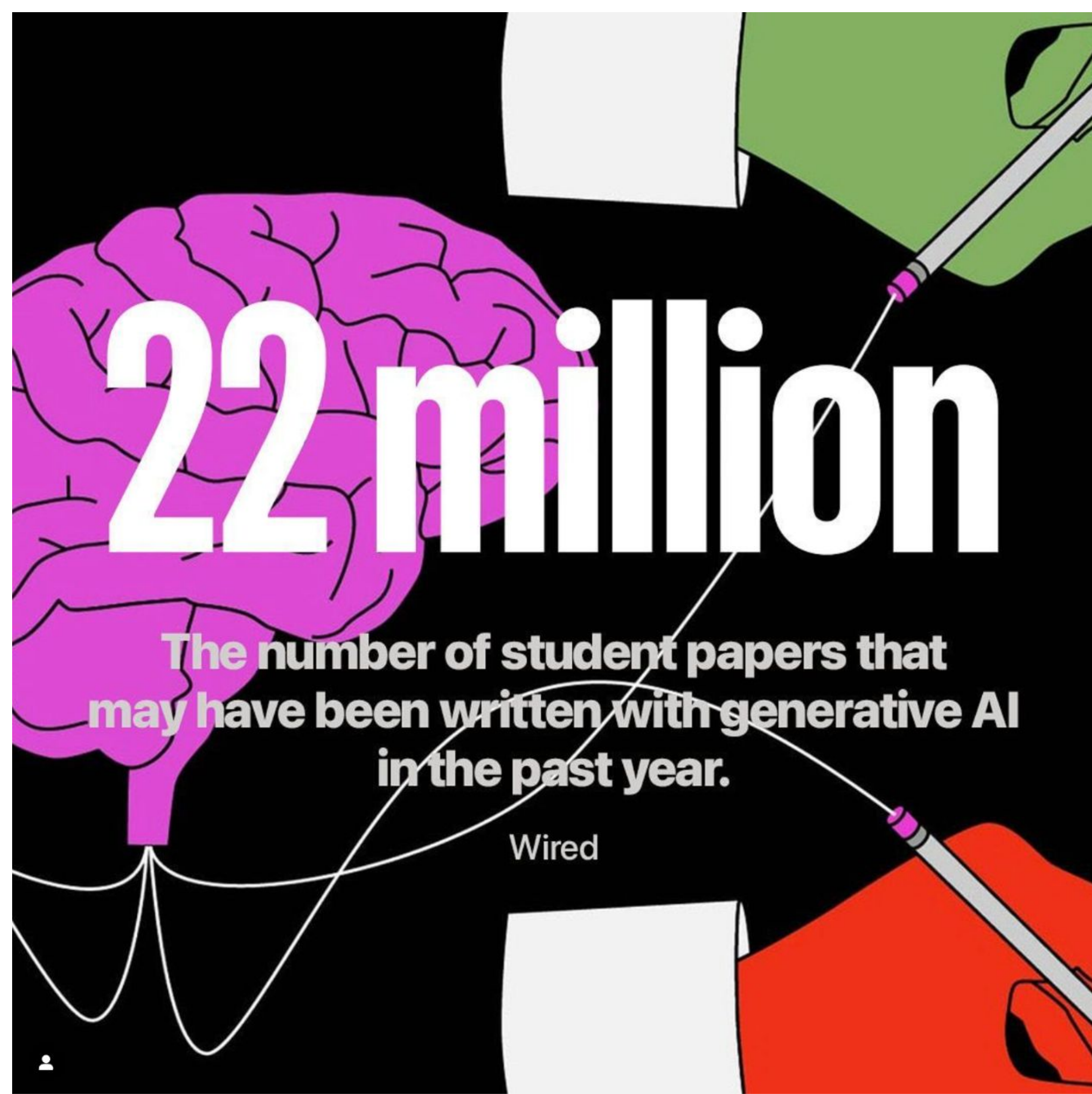


EMPLOYEES IN TECHNICAL ROLES





AI & Schools



applenews According to new data released by plagiarism-detection company Turnitin, more than 22 million papers submitted by students in the past year may have been written using generative AI.

In 2023, Turnitin rolled out an AI-writing-detection tool that was trained on a trove of papers written by students, as well as AI-generated texts. Since then, it's reviewed more than 200 million essays — and found that 11% may contain AI-written language.

Is this the new norm? And how can teachers hold students accountable for using generative AI without permission or disclosure?

Tap the link in bio to read more, via [@wired](#) in **Apple News+**.

Illustration: Jacqui Vanliew; Getty Images

[#ai](#) [#school](#)
3w

For you

iammajoroni Keyword: *May
3w 10 likes Reply

victoregwuom But their detectors don't work. You could put

Like Comment Share

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April 12

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CURRENT EVENTS CONVERSATION

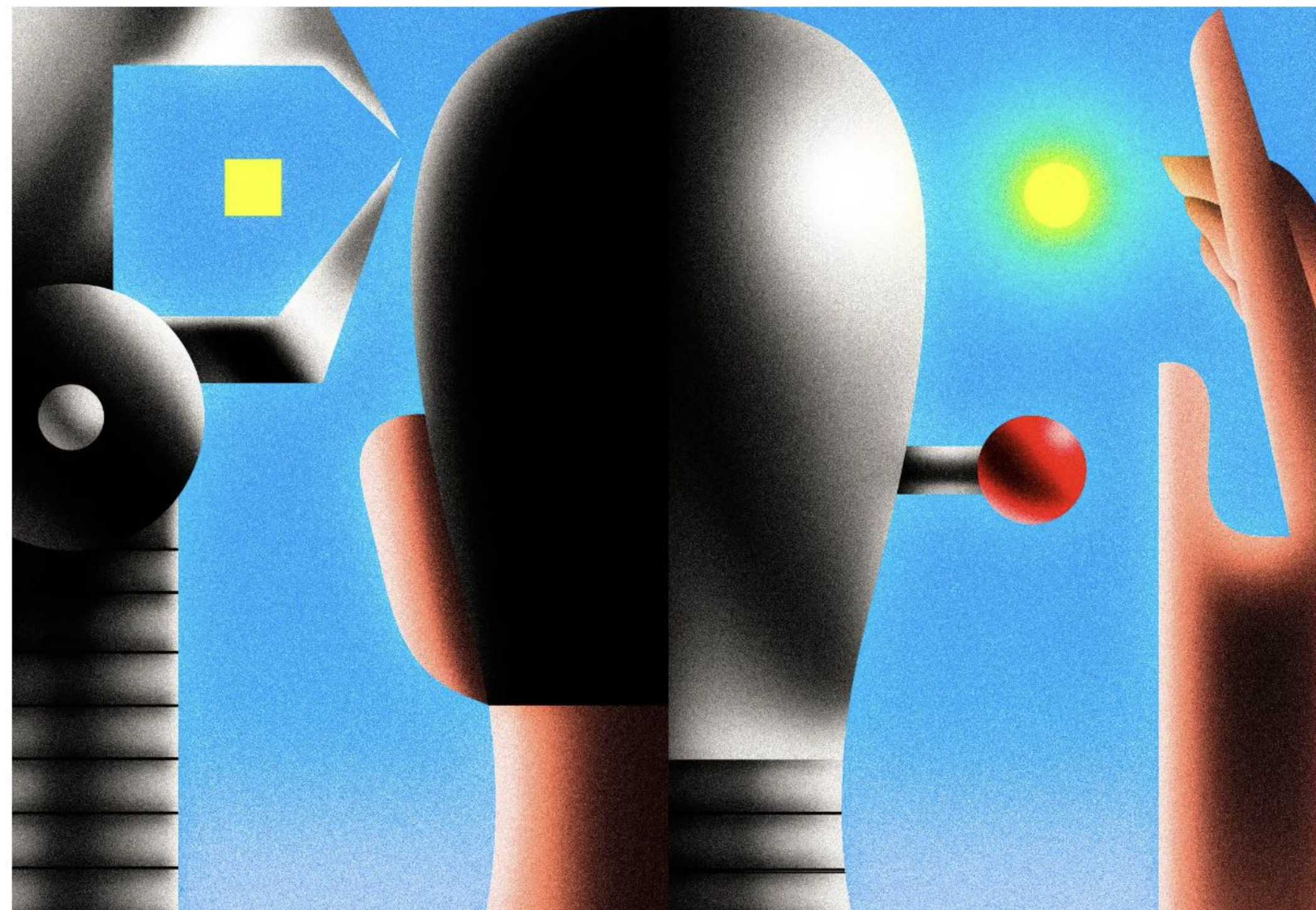
What Students Are Saying About ChatGPT

Is this new chatbot the end of education as we know it? Or a useful new tool for learning? Teenagers weigh in.

Share full article



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Personally yes, I used and experimented with ChatGPT and it is extremely useful for assignments. Not just because it answers all of your questions that you ask, but **it completely destroys the use of tutors.** However, it should be noted that it can be used productively but unethically because it is easier to cheat and just copy whatever the AI is providing.

I think **schools should have ChatGPT blocked because it ruins the whole idea of schools.** If you want to learn about something related to the assignment then you should probably resort to asking the teacher. The teacher is way more reliable than any internet source.

Students worry we'll lose our creativity and critical thinking skills if we rely on chatbots.

CURRENT EVENTS CONVERSATION

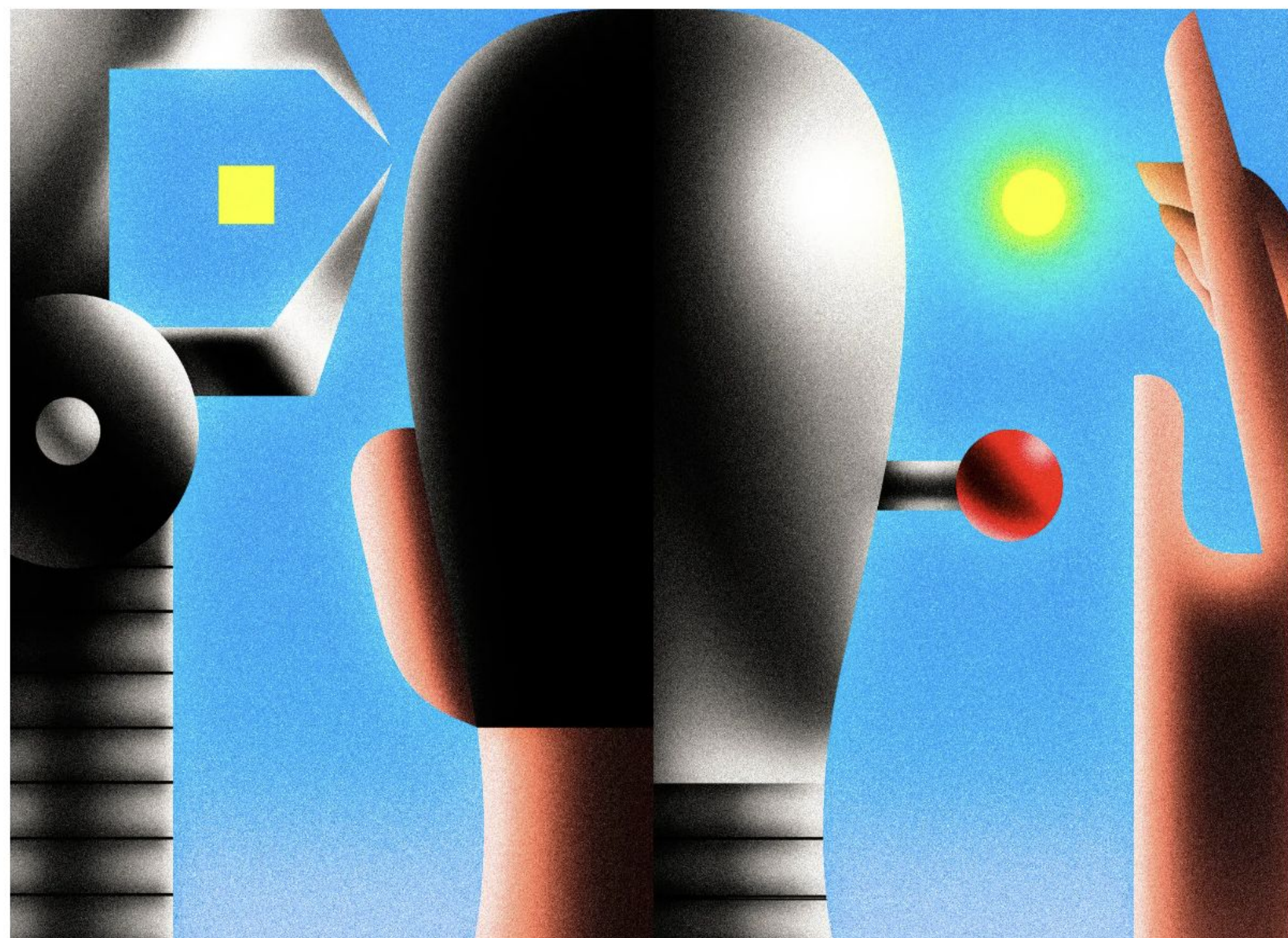
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It would be very unreasonable to students if their schools completely banned the tool of writing AIs. The reality is that these kids will be experiencing these AIs as they grow older, so **the schools should introduce them to the students at a young age.**

It helps me gather research or understand the topic a lot better and faster ... I also find it fun to experiment with, especially as a programmer. It's given me new ideas and ways to think about code. However, I do think it's **important to fact check** what it tells you since it's not always accurate.

I would try and make teachers implement the A.I. into their work, to allow students the ability to learn how to work alongside an A.I. and so that they won't be tempted to cheat later on. Students have a lesser chance using ChatGPT to cheat when it's not forbidden and is actually allowed.

CHATGPT VS. HIGH SCHOOL ENGLISH



WSJ | TECH THINGS

No biometric surveillance for Italian students during exams

In September 2021 the Italian Data Protection Authority (DPA) fined Luigi Bocconi University €200 000 for using Respondus, a proctoring software, without sufficiently informing students of the processing of their personal data and, among other violations, for processing their biometric data without a legal basis. Bocconi is a private University based in Milan and during the COVID-19 pandemic introduced Respondus tools to monitor students during remote exams.

By Hermes Center & Reclaim Your Face · November 17, 2021

British Grading Debacle Shows Pitfalls of Automating Government

The uproar over an algorithm that lowered the grades of 40 percent of students is a sign of battles to come regarding the use of technology in public services.

Share full article

42



Students in Staffordshire, England, protested their exam results on Monday. The sign in the foreground refers to Gavin Williamson, the British education secretary. Jason Cairnduff/Reuters

LONDON — Even after a final term with schools closed for the pandemic, Sam Sharpe-Roe was optimistic about the coming school year. Teachers from his West London school had given him grades — three A’s and one B — that were strong enough to secure him a spot at his first choice of university next month.

But after the [British government](#) used a [computer-generated score](#) to replace exams that were canceled because of the coronavirus, all his grades fell and the college revoked his admission. Mr. Sharpe-Roe, along with thousands of other students and parents, had received a crude lesson in what can go wrong when a [government relies on an algorithm](#) to make important decisions affecting the public.

ENGLISH BIAS



Internet text



GPT-3 language share

Source: OpenAI

GPT-4 data has not yet been released



■ English: 92%

■ German: 1.4%

■ Spanish: 0.7%

■ Catalan: 0.01%



**What to do?
Are there laws?**

ARTIFICIAL INTELLIGENCE

SAFETY, SECURITY, AND TRUST







TRUST

Citizens must be able to trust the technology itself, as well as the way it is used.

A TIMELINE FOR EUROPE'S AI STRATEGY

- Commission adopts the Communication on Artificial Intelligence
- Starts a pilot project on explainable AI

- Commission publishes a report on the implications for and potential gaps in the liability and safety frameworks for AI

- Commission strengthens its AI research centers, supports digital skills, and creates a center for data sharing

SPRING 2018

END OF 2018

MID-2019

END OF 2020

BEYOND 2020

- Commission creates and operates the European AI Alliance
- Develops a plan on AI with member states
- Drafts AI ethics guidelines for member states

- Commission increases its investment in AI from €500 million in 2017 to €1.5 billion in 2020
- Develops an "AI-on-demand platform" to encourage uptake of AI by private sector



1. Human agency and oversight
2. Robustness and safety
3. Privacy and data governance
4. Transparency
5. Diversity, nondiscrimination and fairness
6. Societal and environmental well-being
7. Accountability

We were not starting from scratch



Art. 6

Lawfulness of processing

Art. 12

Transparent information, communication and modalities for the exercise of the rights of the data subject



Art. 22

Automated individual decision-making, including profiling

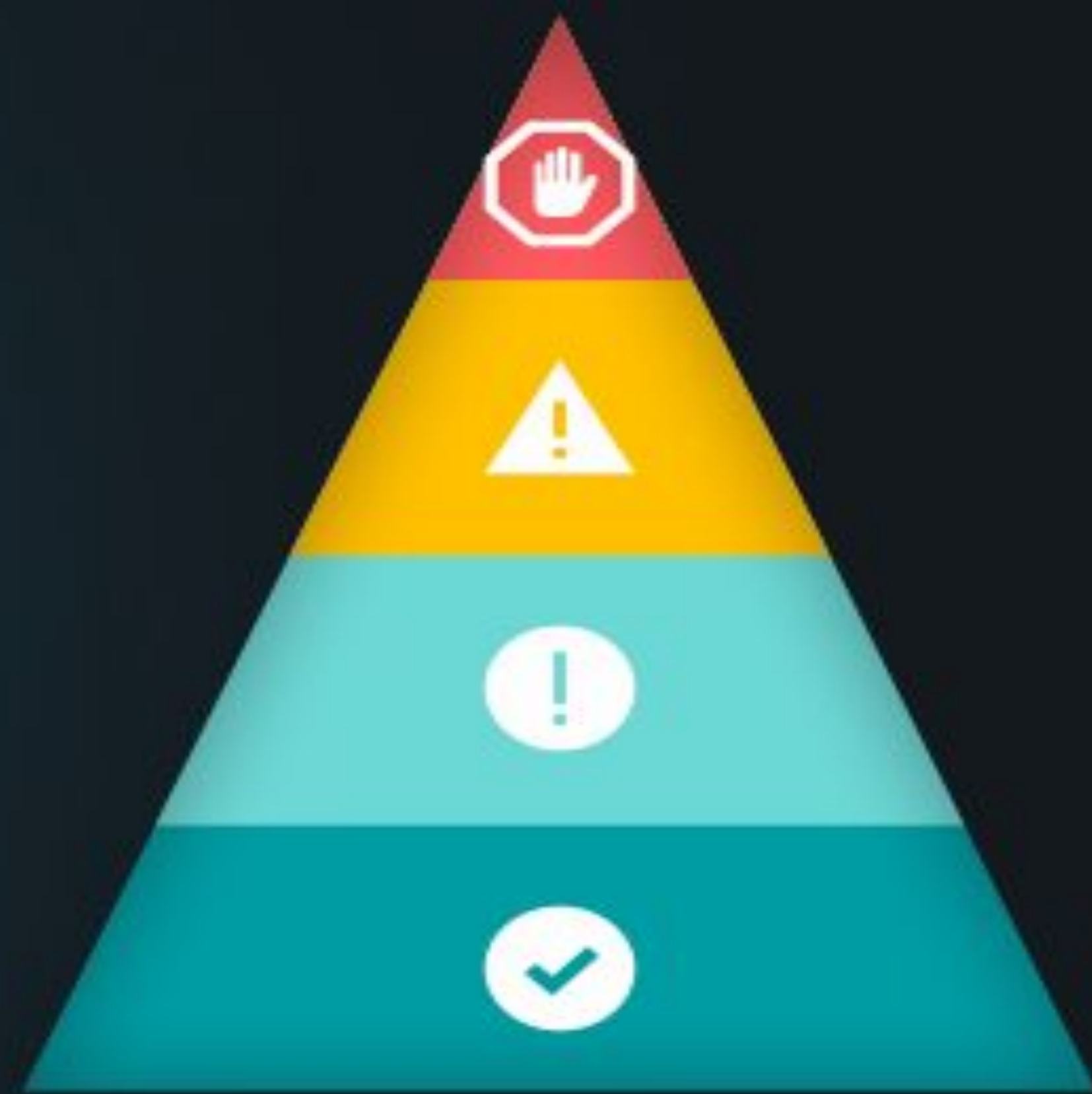
Art. 35

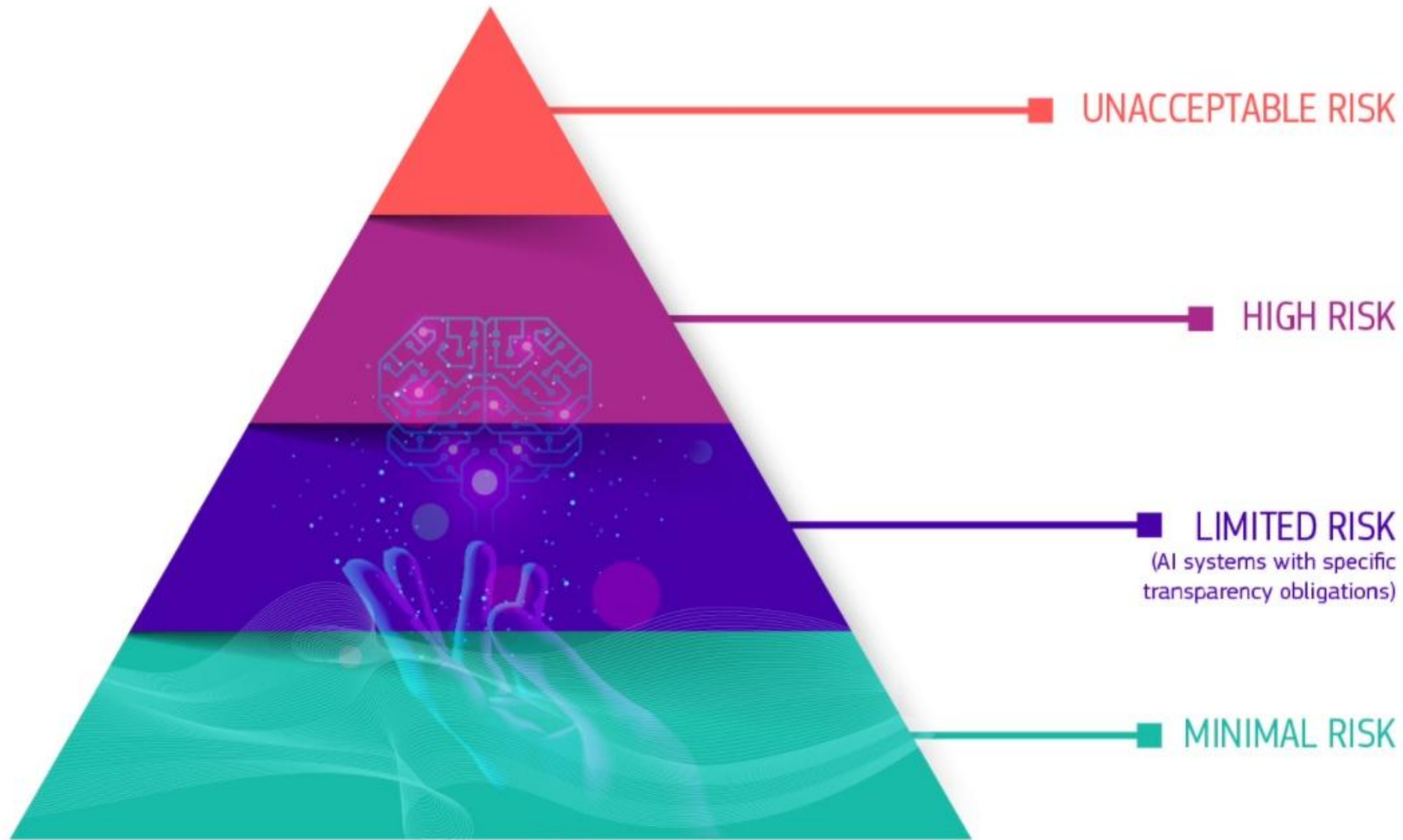
Data protection impact assessment

The same criticisms that we have seen for the GDPR apply to the AI Act

- too much bureaucracy
- brake on innovation









1. Unacceptable risk (Art. 5)

This concerns cases where AI is considered a threat to the security and fundamental rights of individuals. Examples cited include:

- biometric recognition by law enforcement (with the many exceptions we will see),
- social scoring,
- systems that subliminally modify a person's behaviour to the point of causing them physical or psychological harm.





2. High risk (art. 6)

- "critical infrastructure such as transport;
- education: when the algorithm could determine access to education or the professional course of someone's life;
- product safety components (e.g. the application of AI in robot-assisted surgery);
- employment, management of workers and access to self-employment (e.g. CV selection software for recruitment procedures);



2. High risk

- essential public and private services (e.g. credit scoring that denies citizens the possibility of obtaining a loan)
- law enforcement that may interfere with people's fundamental rights (e.g. assessing the reliability of evidence);
- the management of migration, asylum and border control (e.g. checking the authenticity of travel documents);
- the administration of justice and democratic processes.



2. High risk

In this case, before they can be placed on the market they will have to demonstrate:

- that they have implemented appropriate risk assessment and mitigation systems;
- high quality of data sets feeding the system to minimise risks and discriminatory outcomes; and
- records of activities to ensure traceability of results;
- detailed documentation providing all necessary information about the system and its purpose in order for authorities to assess compliance;
- clear and adequate information to the user;
- appropriate human supervision measures to minimise risk;
- high level of robustness, security and accuracy.





3. Limited risk

Only provides for specific transparency obligations for the AI provider (Art. 52).

- For example, in the case of the use of chatbots, the user should be informed that s/he is not interacting with a human being, just as he should know when he is viewing a video generated by the deep fake.

4. Minimal risk

Provides for the free use of applications such as AI-enabled video games or spam filters.



Biometric identification

13
2

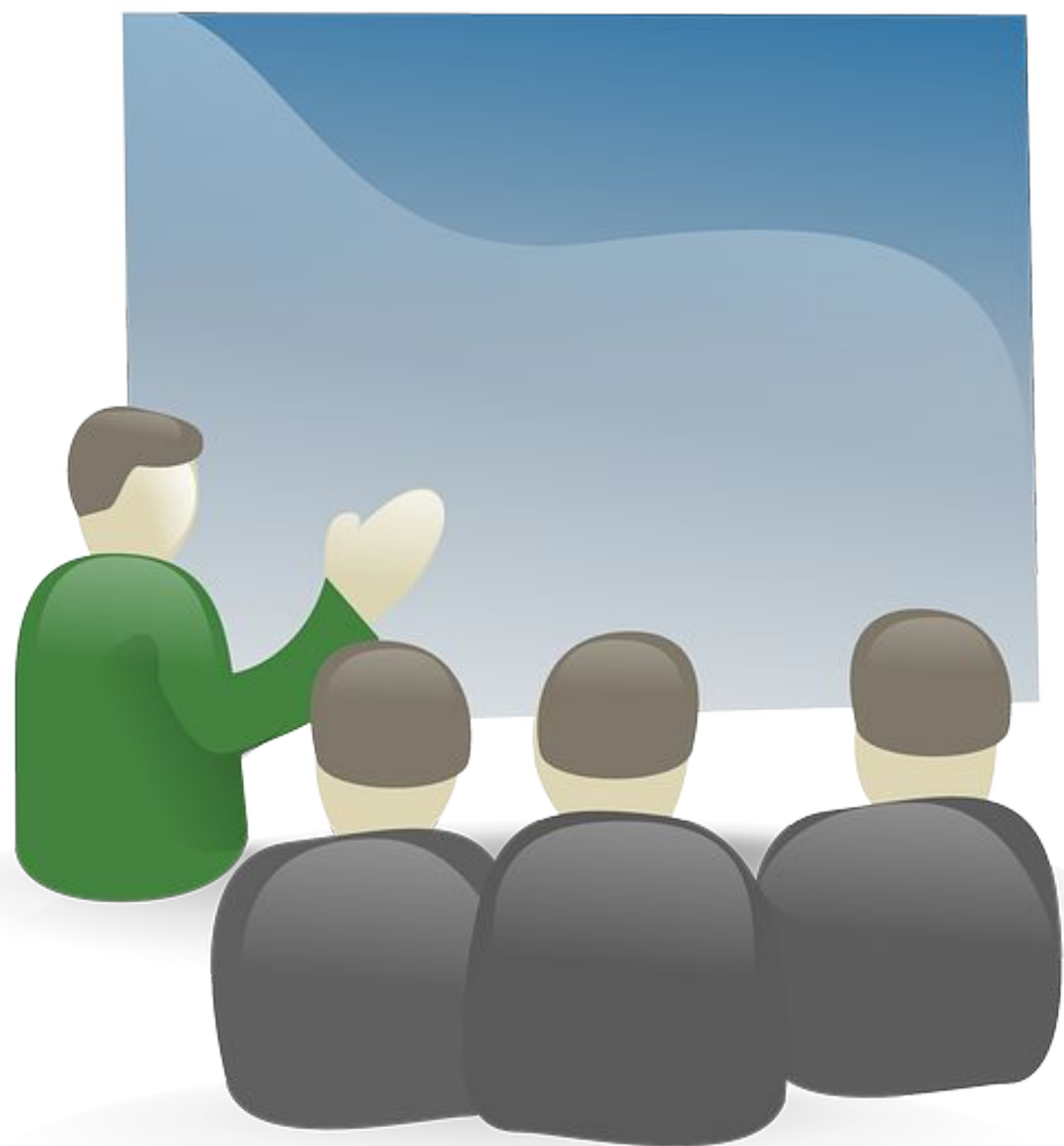
Real-time remote biometric identification (RTRBI) in public spaces by law enforcement is considered prohibited (Art. 5.1,d) unless it is strictly necessary for:

- the search for victims of a crime or missing children;
- to prevent a specific, substantial and imminent threat such as a terrorist attack;
- to detect, locate, identify or prosecute a criminal or suspect punishable by a sentence of at least 3 years;



Enforcement

- A new board composed of one representative of each national competent authority, the European Data Protection Supervisor and the Commission.
- The board will facilitate cooperation and exchange of ideas and help the Commission in drafting opinions and guidelines
- The national authorities will have inspection powers and, in specific cases, will also be able to have access to the source code of the AI, with strict confidentiality.
- Each year, the Commission will make sure that the national authorities in charge have the necessary human and financial resources to be up to the task assigned to them.
- All high-risk Ai applications will be collected in a database kept by the Commission, which will be publicly accessible and will have the references of the company providing them.





What's missing?





Article 27: *Fundamental rights impact assessment for high-risk AI systems*

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Prior to putting a high-risk AI system as defined in Article 6(2) into use, with the exception of AI systems intended to be used in area 2 of Annex III, deployers shall conduct an assessment of the systems' impact in the specific context of use. This assessment shall include, at a minimum, the following elements:

*(a) a clear outline of the **intended purpose** for which the system will be used;*

*(b) a clear outline of the intended **geographic and temporal scope** of the system's use;*

*(c) categories of natural persons and groups **likely to be affected** by the use of the system;*

(d) verification that the use of the system is compliant with relevant Union and national law on fundamental rights;

*(e) the reasonably **foreseeable impact on fundamental rights** of putting the high-risk AI system into use;*

*(f) specific risks of harm likely to impact **marginalised persons or vulnerable groups**;*

(g) the reasonably foreseeable adverse impact of the use of the system on the environment;

*(h) a detailed plan as to **how the harms** and the negative impact on fundamental rights identified **will be mitigated**.*


*(j) the **governance system** the deployer will put in place, including **human oversight, complaint-handling and redress**.*



Was it necessary?

Government in Netherlands Resigns After Benefit Scandal

A parliamentary report concluded that tax authorities unfairly targeted poor families over child care benefits. Prime Minister Mark Rutte and his entire cabinet stepped down.

 Share full article





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