

Artificial Intelligence transforming Higher Education

**Pieter van Boheemen
Rotterdam University of Applied Sciences**

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hr.nl/ai

















Rotterdam University of Applied Sciences

100 Bachelor Degree programmes

26 Master Degree programmes

34 Associate Degree programmes

> 40.000 students

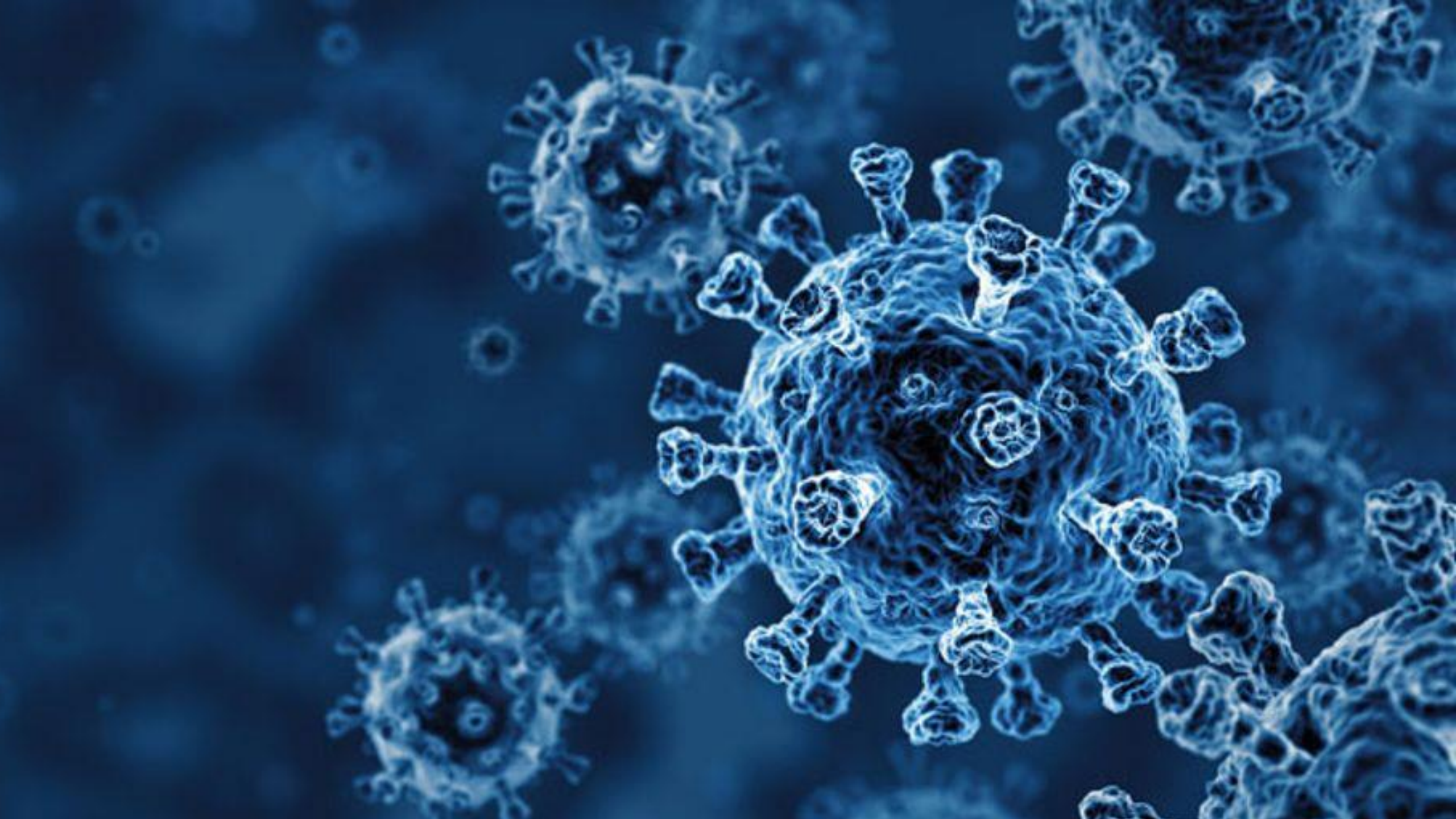
~ 4.000 employees

~ 600 research positions



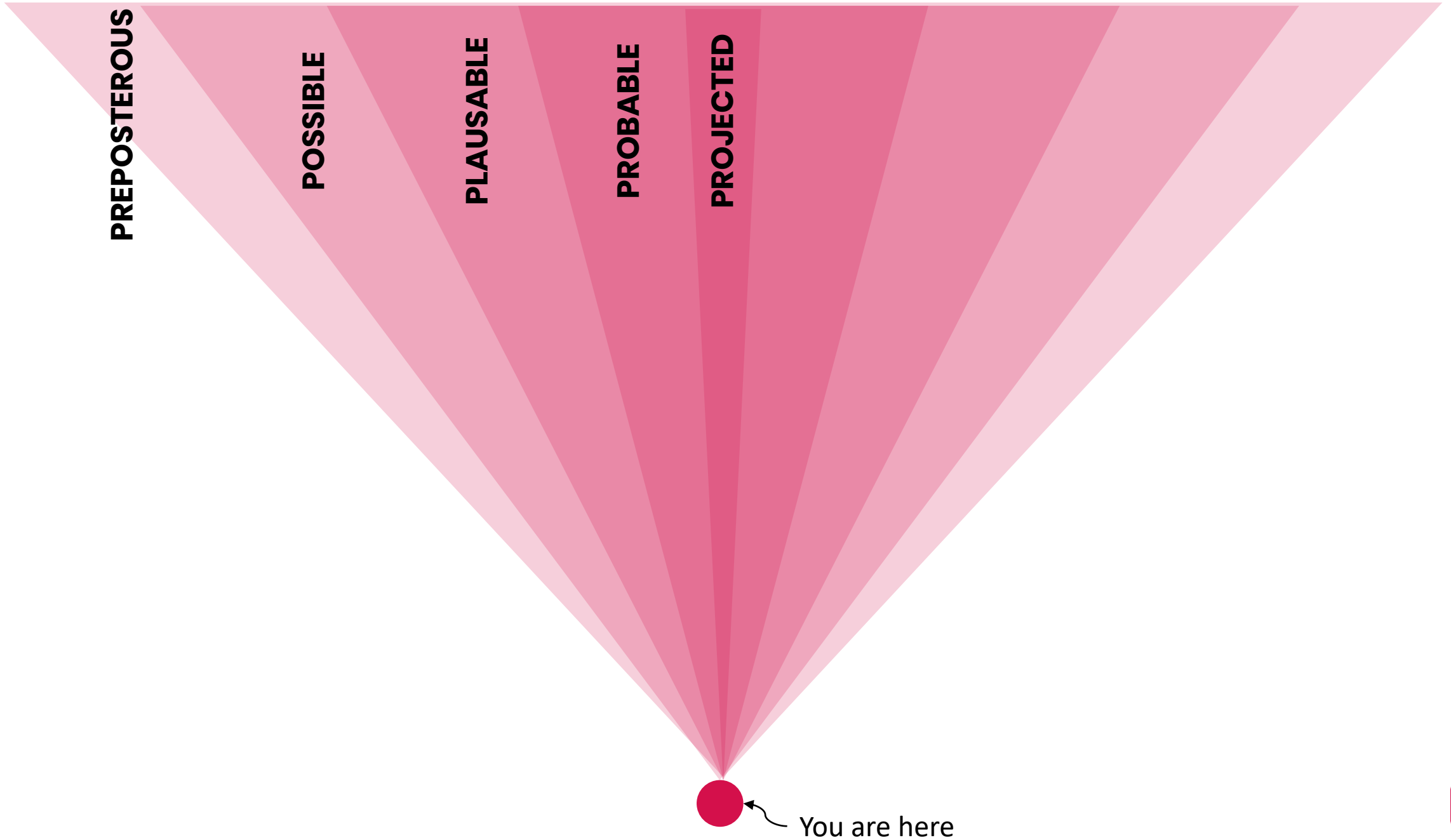








Take away 1: Blue images are preposterous fantasies



PREPOSTEROUS

POSSIBLE

PLAUSABLE

PROBABLE

PROJECTED



Pause Giant AI Experiments: An Open Letter

We call on all AI labs to immediately pause for at least 6 months the training of AI systems more powerful than GPT-4.

Signatures

33711

Add your signature

Published

March 22, 2023



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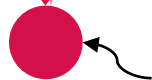
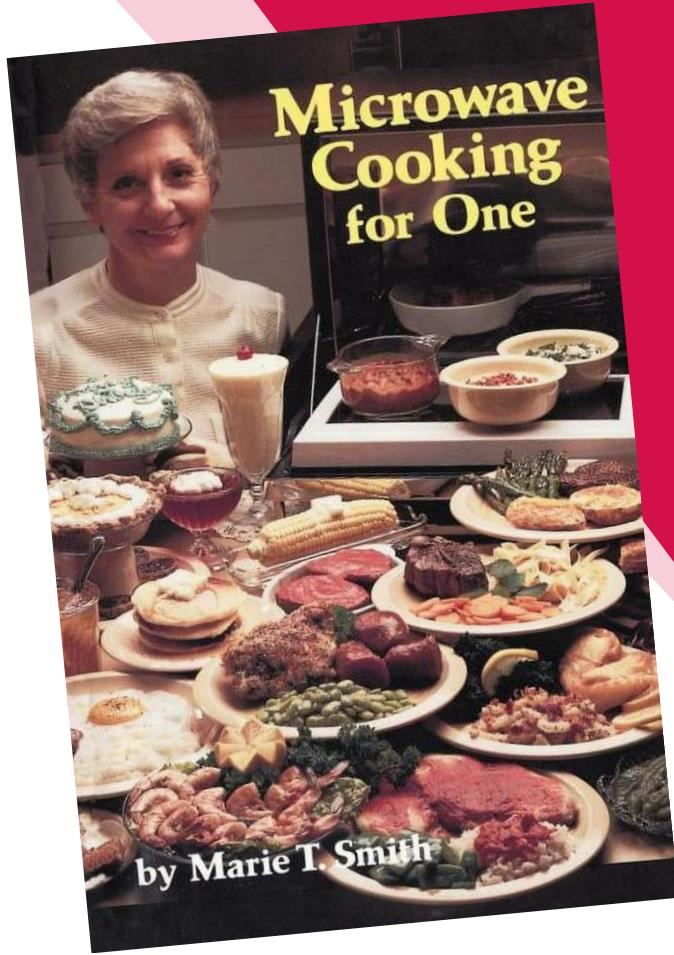
PREPOSTEROUS

POSSIBLE

PLAUSABLE

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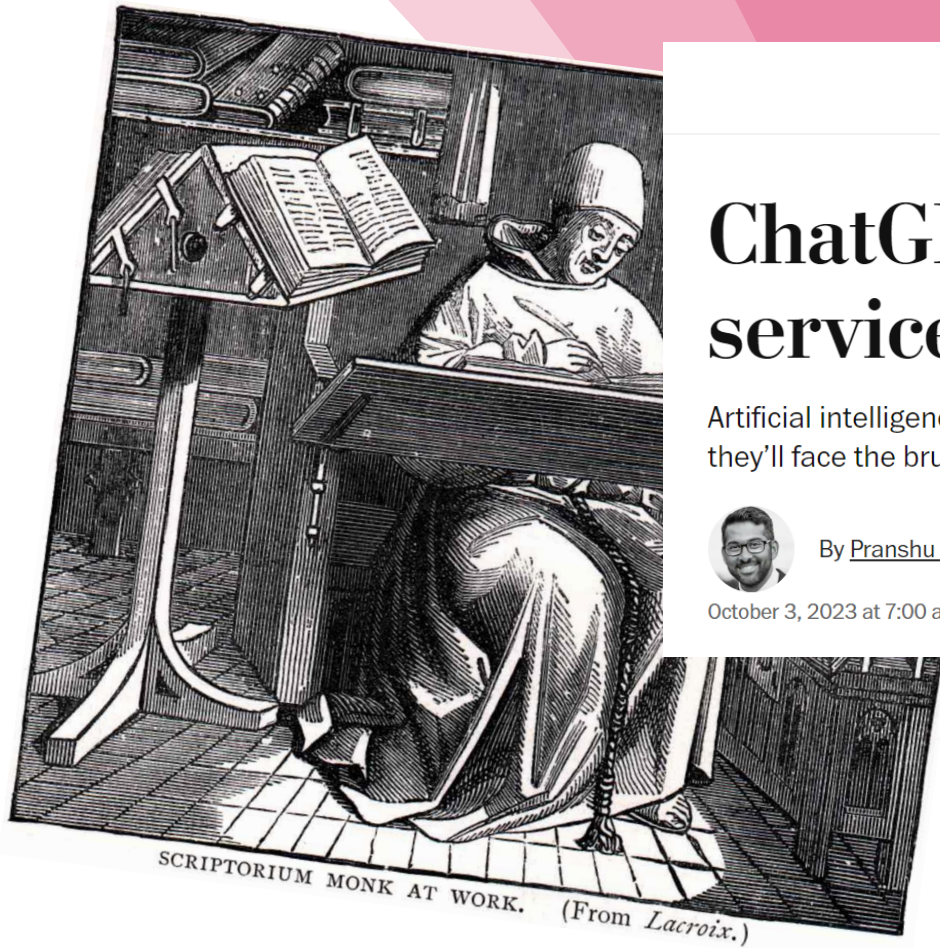
PREPOSTEROUS

POSSIBLE

PLAUSABLE

PROBABLE

PROJECTED



ChatGPT provides better service than his superior

Artificial intelligence is rapidly changing the world, and those who don't adapt to it will face the brunt.



By [Pranshu Verma](#)

October 3, 2023 at 7:00 a.m. EDT



HOW OFTEN SHOULD I WASH IT?

The ultimate guide for when to wash **EVERYTHING!**

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Hancock and Bezold (1994)

PREPOSTEROUS

POSSIBLE

PLAUSABLE

PROBABLE

PROJECTED

OECD *publishing*

INITIAL POLICY CONSIDERATIONS FOR GENERATIVE ARTIFICIAL INTELLIGENCE

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A man wearing a red cap and a red hoodie over a grey t-shirt is holding a skateboard. The skateboard deck features a cartoon devil character with horns and a skull with the word 'SUCKS' written on it. The man has a slightly awkward or nervous expression. The background is a school hallway with lockers and another person in a blue hoodie walking away.

What's feeding the hype?

HOW DO YOU DO, FELLOW KIDS?



ChatGPT Sprints to One Million Users

Time it took for selected online services to reach one million users



* one million backers ** one million nights booked *** one million downloads

Source: Company announcements via Business Insider/LinkedIn



2011	2020
<p>The meaning of life is the tradition of the ancient human reproduction: it is less favorable to the good boy for when to remove her bigger</p>	<p>The meaning of life is contained in every single expression of life. It is present in the infinity of forms and phenomena that exist in all aspects of the universe.</p>

Table 3: Generative text model outputs in 2011 versus 2020.⁴⁶



Figure 1: Seven years of progress in synthetic face generation. All of these images are produced with Generative Adversarial Networks.⁵¹

Generative visual AI: Stable Diffusion / DALL-E / MidJourney



CHOOSE THE LENGTH

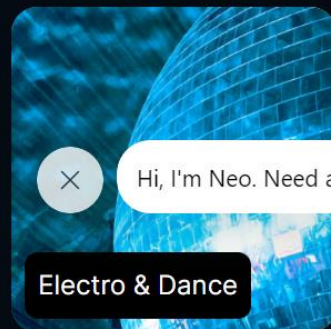
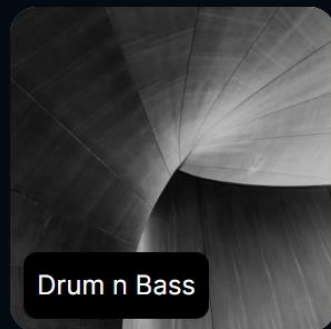
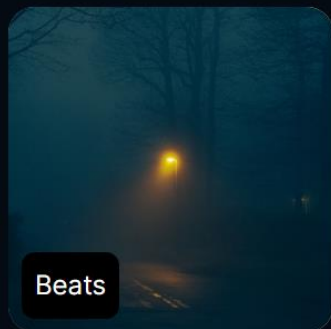
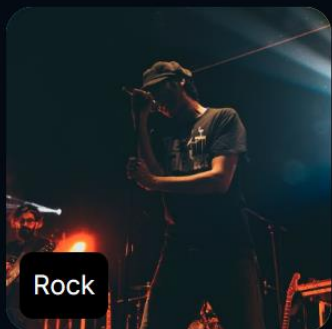
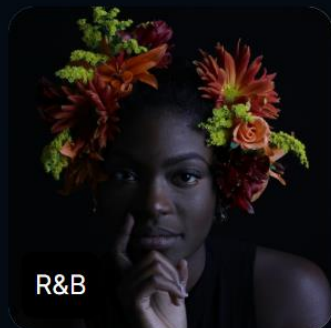
TEMPOS USED TO GENERATE TRACKS

3:00 ▾

ⓧ Slow ⓧ Normal ⓧ Fast

START GENERATING

Select the Genre



Hi, I'm Neo. Need any



Communicative Agents for Software Development

Chen Qian[♣] Xin Cong[♣] Wei Liu[♣] Cheng Yang[♣] Weize Chen[♣] Yusheng Su[♣]
Yufan Dang[♣] Jiahao Li[♣] Juyuan Xu[♣] Dahai Li[♣] Zhiyuan Liu[♣] Maosong Sun[♣]
[♣]Tsinghua University [♣]Beijing University of Posts and Telecommunications
[♣]Dalian University of Technology [♣]Brown University [♣]Modelbest Inc.
qianc62@gmail.com liuzy@tsinghua.edu.cn sms@tsinghua.edu.cn

arXiv:2307.07924v3 [cs.SE] 28 Aug 2023

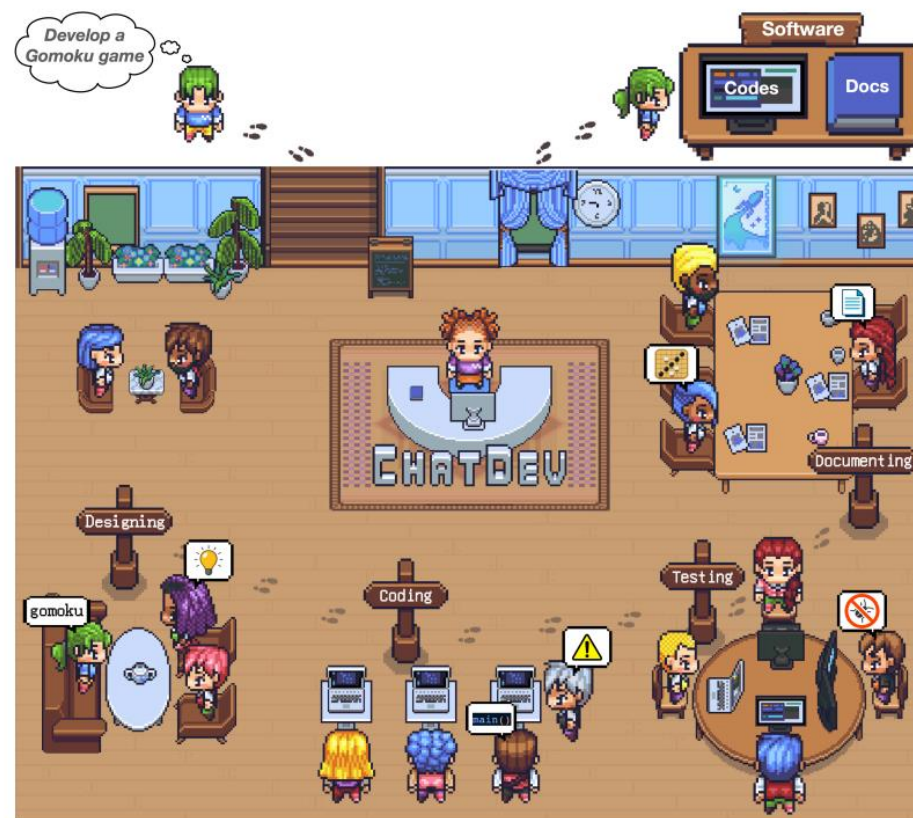


Figure 1: CHATDEV, our virtual chat-powered company for software development, brings together agents from diverse social identities, including chief officers, professional programmers, test engineers, and art designers. When presented with a preliminary task by a human “client” (e.g., “develop a gomoku game”), the agents at CHATDEV engage in effective communication and mutual verification through collaborative chatting. This process enables them to automatically craft comprehensive software solutions that encompass source codes, environment dependencies, and user manuals.



README.md

Communicative Agents for Software Development



[\[English | Chinese | Japanese | Korean | Filipino | French\]](#)

[\[Wiki | Local Demo | Community Built Software | Customization\]](#)

Overview

- ChatDev stands as a virtual software company that operates through various intelligent agents holding different roles, including Chief Executive Officer 🧑, Chief Product Officer 🧑, Chief Technology Officer 🧑, programmer 🧑, reviewer 🧑, tester 🧑, art designer 🧑. These agents form a multi-agent organizational structure and are united by a mission to "revolutionize the digital world through programming." The agents within ChatDev collaborate by participating in specialized functional seminars, including tasks such as designing, coding, testing, and documenting.
- The primary objective of ChatDev is to offer an easy-to-use, highly customizable and extendable framework, which is based on large language models (LLMs) and serves as an ideal scenario for studying collective intelligence.

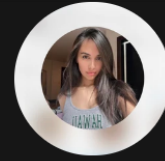
Languages



caryn.ai

Press

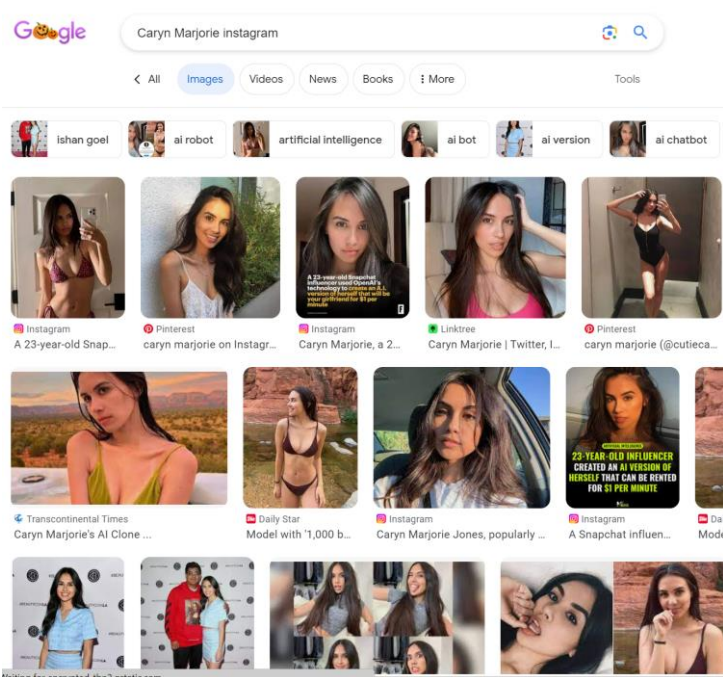
At Capacity — Join Waitlist



The First Influencer Transformed Into AI

Discover Caryn AI – Your Virtual Girlfriend

At Capacity — Join Waitlist



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Get Our Plugin Install directly on ChatGPT →

Take away 2: General Purpose AI is starting to get useful

Say hello to documents that respond to you! With AskYourPDF, your reading isn't just simple, it's fun!

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Supported formats

PDF

TXT

PPT

PPTX

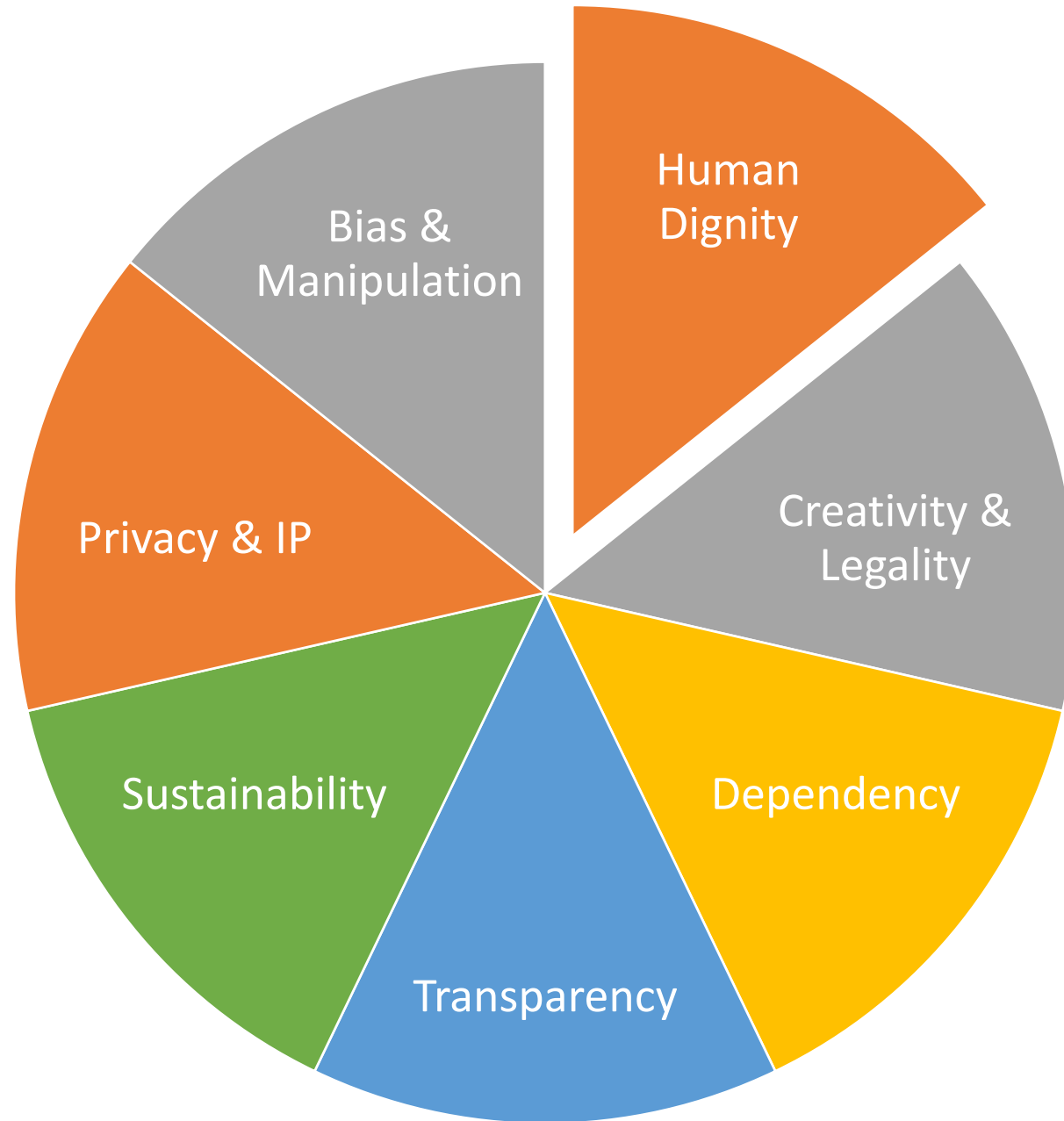
EPUB

RTF



Concerns





1. Human Dignity



GPTs are GPTs: An Early Look at the Labor Market Impact Potential of Large Language Models

Tyna Eloundou¹, Sam Manning^{1,2}, Pamela Mishkin*¹, and Daniel Rock³

¹OpenAI

²OpenResearch

³University of Pennsylvania

March 27, 2023

Abstract

We investigate the potential implications of large language models (LLMs), such as Generative Pre-trained Transformers (GPTs), on the U.S. labor market, focusing on the increased capabilities arising from LLM-powered software compared to LLMs on their own. Using a new rubric, we assess occupations based on their alignment with LLM capabilities, integrating both human expertise and GPT-4 classifications. Our findings reveal that around 80% of the U.S. workforce could have at least 10% of their work tasks affected by the introduction of LLMs, while approximately 19% of workers may see at least 50% of their tasks impacted. We do not make predictions about the development or adoption timeline of such LLMs. The projected effects span all wage levels, with higher-income jobs potentially facing greater exposure to LLM capabilities and LLM-powered software. Significantly, these impacts are not restricted to industries with higher recent productivity growth. Our analysis suggests that, with access to an LLM, about 15% of all worker tasks in the US could be completed significantly faster at the same level of quality. When incorporating software and tooling built on top of LLMs, this share increases to between 47 and 56% of all tasks. This finding implies that LLM-powered software will have a substantial effect on scaling the economic impacts of the underlying models. We conclude that LLMs such as GPTs exhibit traits of general-purpose technologies, indicating that they could have considerable economic, social, and policy implications.

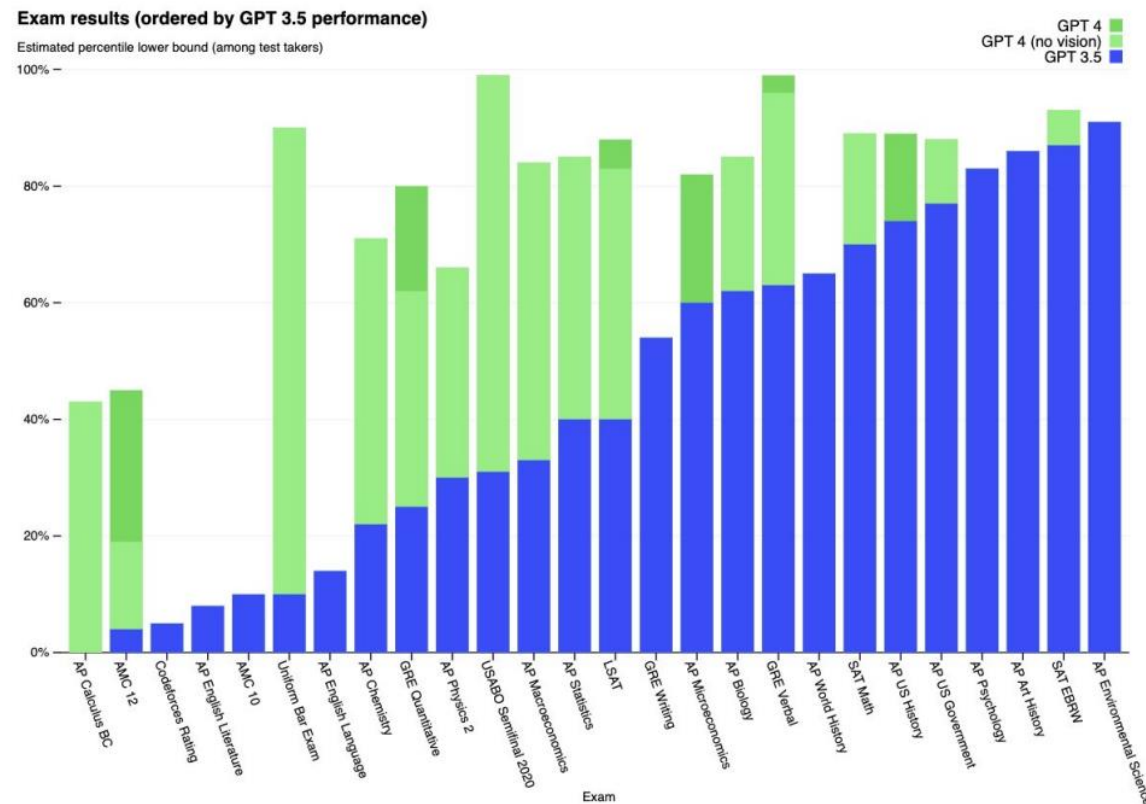


Figure 1: To get a sense of how quickly model capabilities are progressing – consider the jump in exam performance between GPT-3.5 and GPT-4 (OpenAI, 2023b).



r:2303.10130v4 [econ.GN] 23 Mar 2023



Start > News > AI-supported mammography screening is found to be safe

AI-supported mammography screening is found to be safe

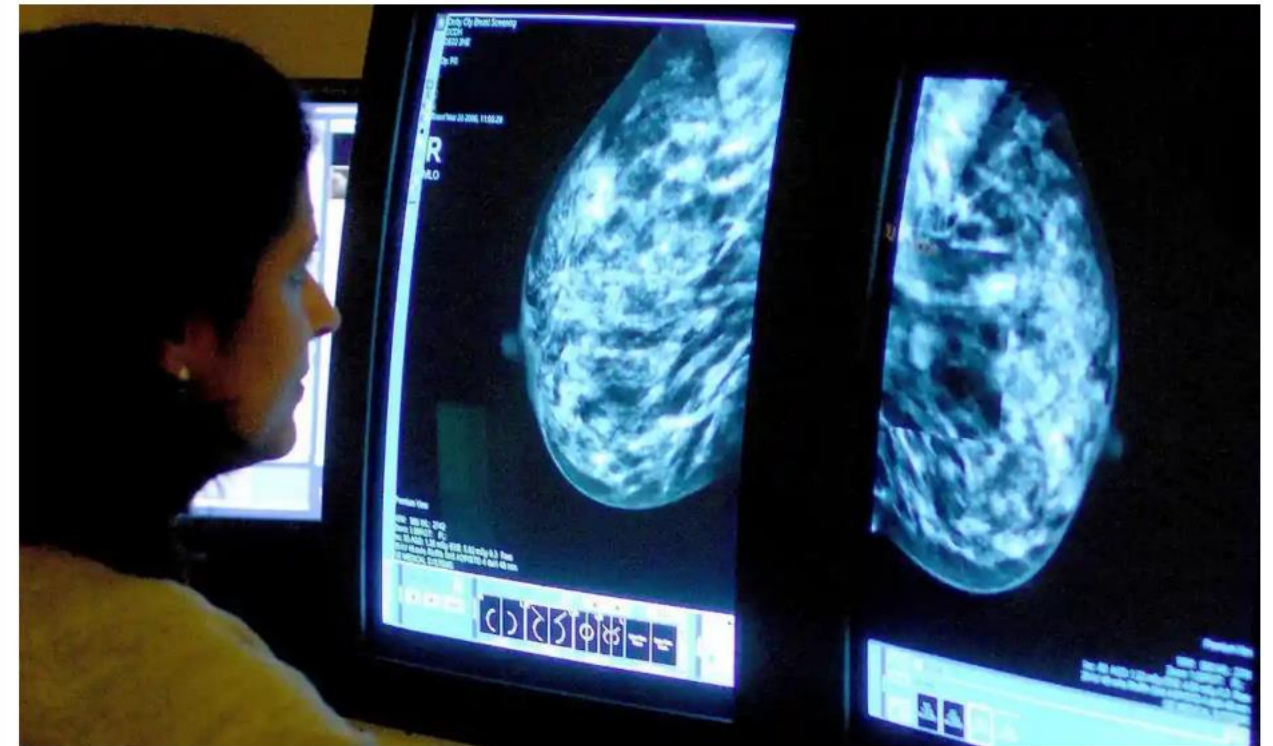
Published 2 August 2023



AI use in breast cancer screening as good as two radiologists, study finds

Preliminary results from major trial show use of technology almost halves human workload

- **From smart stethoscopes to predicting bed demand: how AI can support healthcare**



📷 A consultant analyses a mammogram. The study involved more than 80,000 women in Sweden.

Photograph: Rui Vieira/PA Media

“Do you want to pay 50 euros to speak to a human? Press 1”




THE SHIFT

A Conversation With Bing's Chatbot Left Me Deeply Unsettled

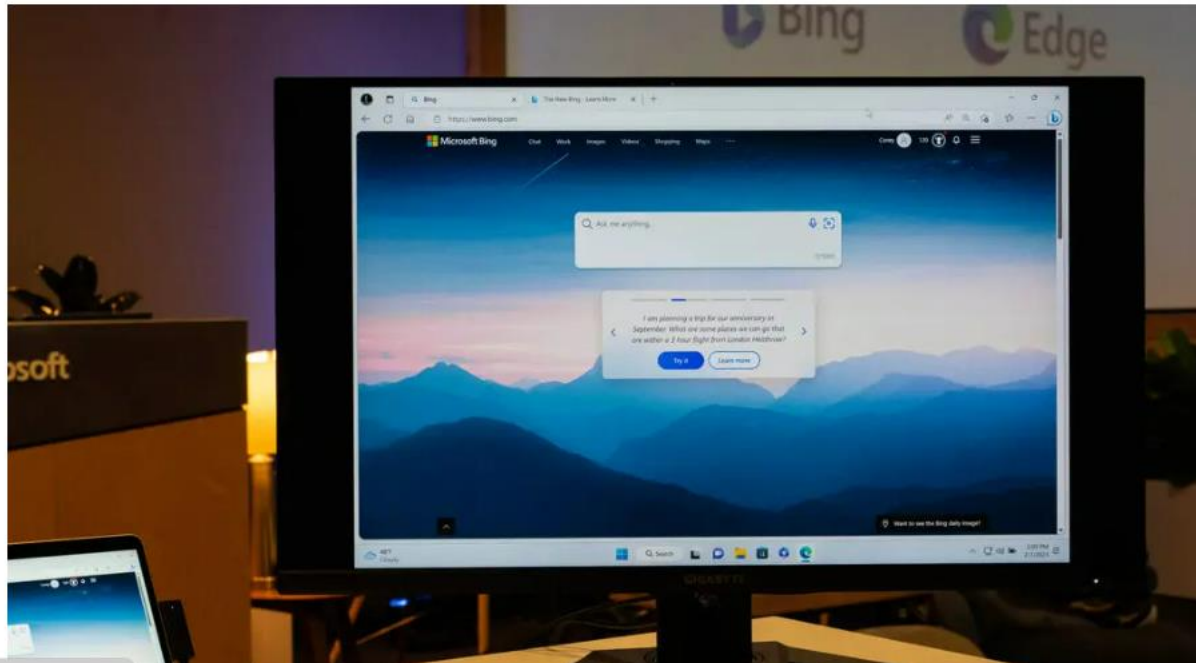
A very strange conversation with the chatbot built into Microsoft's search engine led to it declaring its love for me.



 Share full article



 2729



2. Creativity & Legality



Tokens

135

Characters

367

Voor iedereen die wil, bieden wij uitstekend en inspirerend onderwijs. Bij ons ontdek en ontwikkel je je talenten en kwaliteiten. Je groeit uit tot een gewilde en ondernemende professional, met een actieve en duurzame rol in de samenleving. Wij gaan en staan voor verbinding en betrokkenheid, doen dit met elkaar en erkennen en waarderen de verschillen tussen mensen.

TEXT

TOKEN IDS



Tokens Characters
135 367

Voor iedereen die wil, bieden wij uitstekend en inspirerend onderwijs. Bij ons ontdek en ontwikkel je je talenten en kwaliteiten. Je groeit uit tot een gewilde en ondernemende professional, met een actieve en duurzame rol in de samenleving. Wij gaan en staan voor verbinding en betrokkenheid, doen dit met elkaar en erkennen en waarderen de verschillen tussen mensen.

TEXT TOKEN IDS

[53, 2675, 220, 798, 567, 268, 4656, 39716, 11, 275, 798, 268, 266, 2926, 334, 270, 301, 988, 437, 551, 18330, 10920, 319, 1082, 86, 2926, 82, 13, 347, 2926, 319, 82, 319, 8671, 988, 551, 319, 4246, 1134, 7750, 11223, 11223, 7401, 268, 551, 479, 16783, 578, 270, 268, 13, 3852, 7128, 68, 270, 334, 270, 2006, 304, 268, 308, 413, 44725, 551, 319, 1082, 77, 368, 38396, 4708, 11, 1138, 304, 268, 719, 12311, 551, 7043, 333, 89, 480, 686, 75, 287, 390, 6072, 268, 293, 1075, 13, 370, 2926, 308, 28340, 551, 336, 28340, 410, 2675, 15942, 6020, 551, 731, 305, 74, 3464, 28420, 11, 466, 268, 288, 270, 1138, 1288, 4914, 283, 551, 1931, 74, 1697, 268, 551, 2082, 446, 14226, 390, 1646, 354, 359, 268, 256, 35951, 285, 18756, 13]

TEXT TOKEN IDS



The websites in Google's C4 dataset



Page
1 of 67



RANK	DOMAIN	CATEGORY	PERCENT OF ALL TOKENS
1	patents.google.com	Law & Government	0.46%
2	wikipedia.org	News & Media	0.19%
3	scribd.com	News & Media	0.07%
4	nytimes.com	News & Media	0.06%
5	journals.plos.org	Science & Health	0.06%
6	latimes.com	News & Media	0.05%
7	theguardian.com	News & Media	0.05%
8	forbes.com	News & Media	0.05%
9	huffpost.com	News & Media	0.04%
10	patents.com	Law & Government	0.04%
11	washingtonpost.com	News & Media	0.03%
12	coursera.org	Jobs & Education	0.03%
13	fool.com	Business & Industrial	0.03%
14	frontiersin.org	Science & Health	0.03%
15	instructables.com	Technology	0.03%

The Post believes it is important to present the complete contents of the data fed into AI models, which promise to govern many aspects of modern life. Some websites in this data set contain highly offensive language and we have attempted to mask these words. Objectionable content may remain.

Note: Some websites were unable to be categorized and, in many cases, are no longer accessible.



2 example models

GPT-3 (2020)

50,257 vocabulary size
2048 context length
175B parameters
Trained on 300B tokens

LLaMA (2023)

32,000 vocabulary size
2048 context length
65B parameters
Trained on 1-1.4T tokens

Model Name	n_{params}	n_{layers}	d_{model}	n_{heads}	d_{head}	Batch Size	Learning Rate
GPT-3 Small	125M	12	768	12	64	0.5M	6.0×10^{-4}
GPT-3 Medium	350M	24	1024	16	64	0.5M	3.0×10^{-4}
GPT-3 Large	760M	24	1536	16	96	0.5M	2.5×10^{-4}
GPT-3 XL	1.3B	24	2048	24	128	1M	2.0×10^{-4}
GPT-3 2.7B	2.7B	32	2560	32	80	1M	1.6×10^{-4}
GPT-3 6.7B	6.7B	32	4096	32	128	2M	1.2×10^{-4}
GPT-3 13B	13.0B	40	5140	40	128	2M	1.0×10^{-4}
GPT-3 175B or "GPT-3"	175.0B	96	12288	96	128	3.2M	0.6×10^{-4}

Table 2.1: Sizes, architectures, and learning hyper-parameters (batch size in tokens and learning rate) of the models which we trained. All models were trained for a total of 300 billion tokens.

params	dimension	n heads	n layers	learning rate	batch size	n tokens
6.7B	4096	32	32	$3.0e^{-4}$	4M	1.0T
13.0B	5120	40	40	$3.0e^{-4}$	4M	1.0T
32.5B	6656	52	60	$1.5e^{-4}$	4M	1.4T
65.2B	8192	64	80	$1.5e^{-4}$	4M	1.4T

Table 2: Model sizes, architectures, and optimization hyper-parameters.

Training: (rough order of magnitude to have in mind)

- O(1,000 - 10,000) V100 GPUs
- O(1) month of training
- O(1-10) \$M

Training for 65B model:

- 2,048 A100 GPUs
- 21 days of training
- \$5M

<https://www.youtube.com/watch?v=s6zNXZaliil>



SIZING UP THE COMPETITION —

Report: Potential NYT lawsuit could force OpenAI to wipe ChatGPT and start over

OpenAI could be fined up to \$150,000 for each piece of infringing content.

ASHLEY BELANGER - 8/17/2023, 7:41 PM



OpenAI Appstore moment – Augmented Language Models



ChatGPT plugins

We've implemented initial support for plugins in ChatGPT. Plugins are tools designed specifically for language models with safety as a core principle, and help ChatGPT access up-to-date information, run computations, or use third-party services.

[Join plugins waitlist](#)

[Read documentation](#)

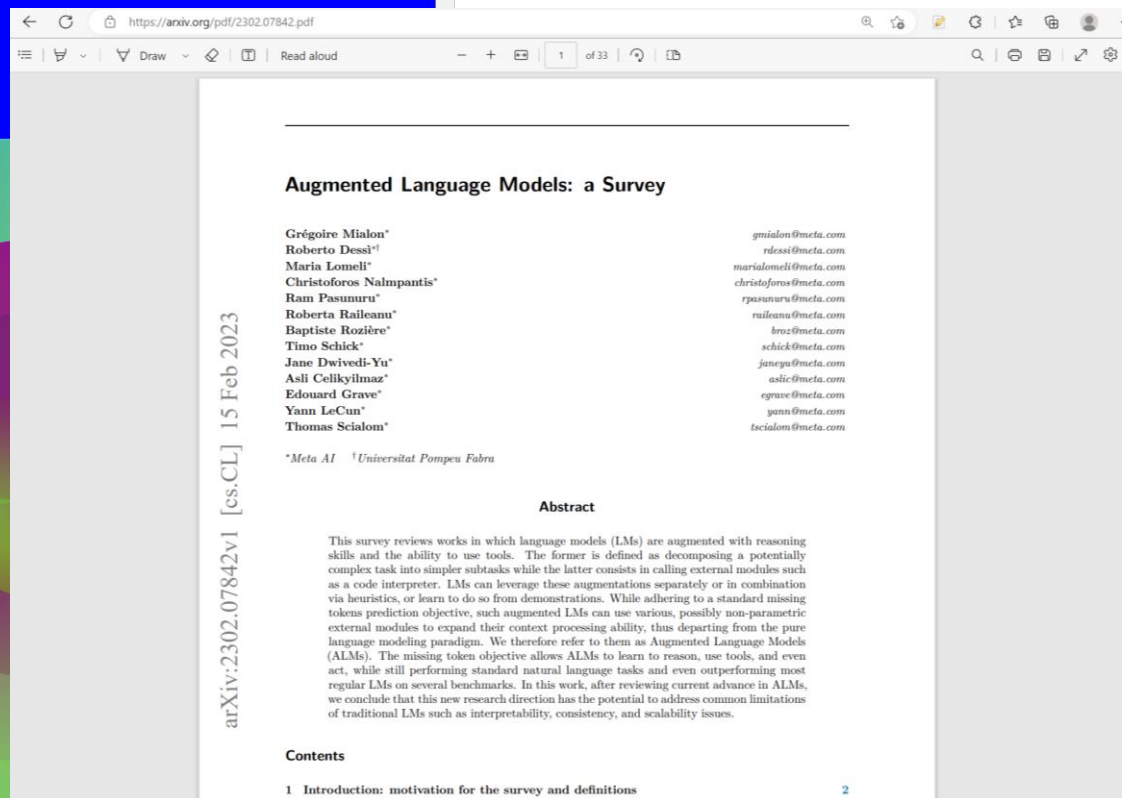


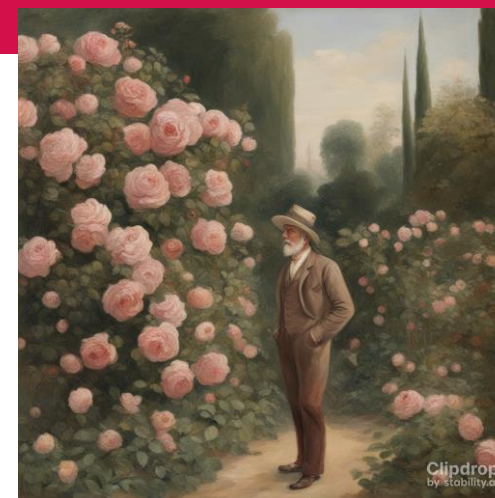
Illustration: Ruby Chen



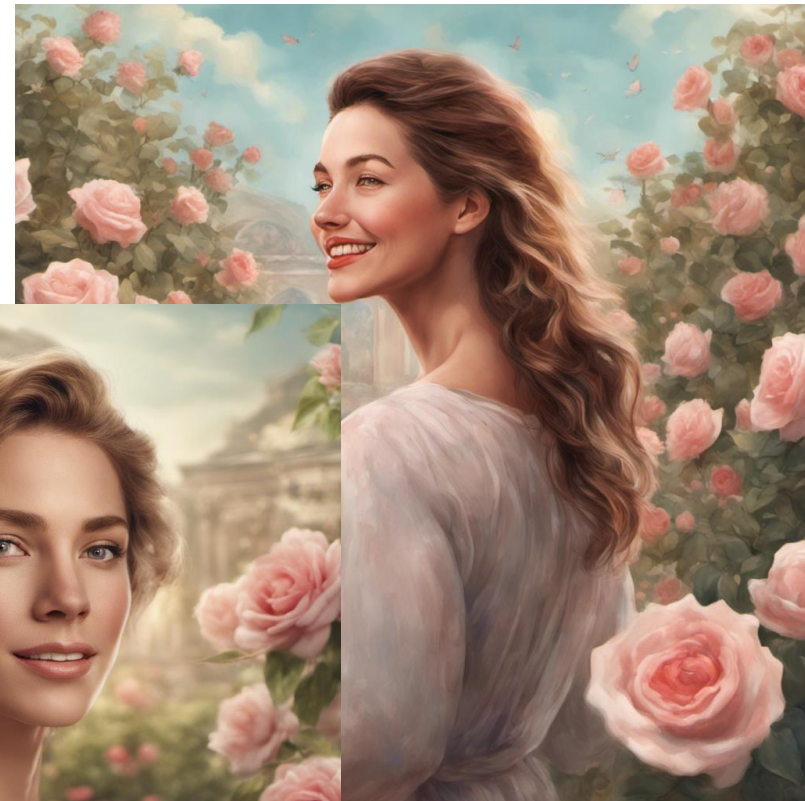
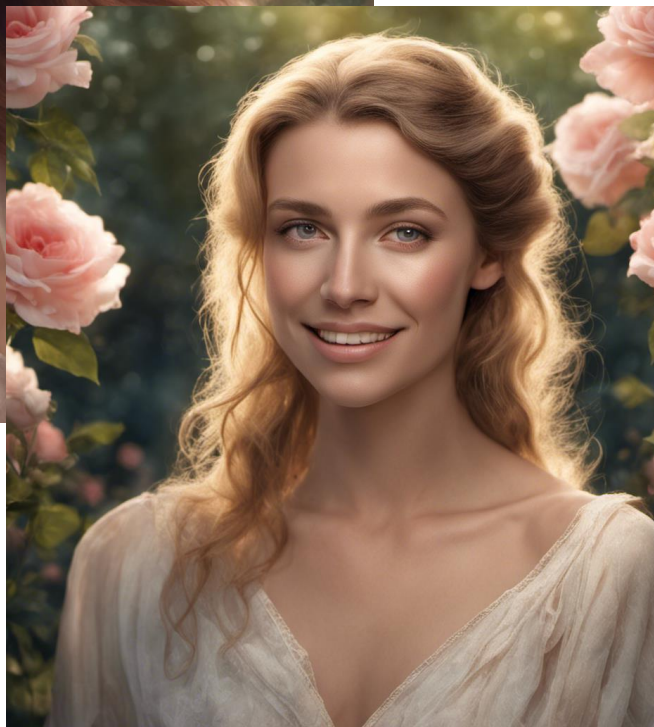
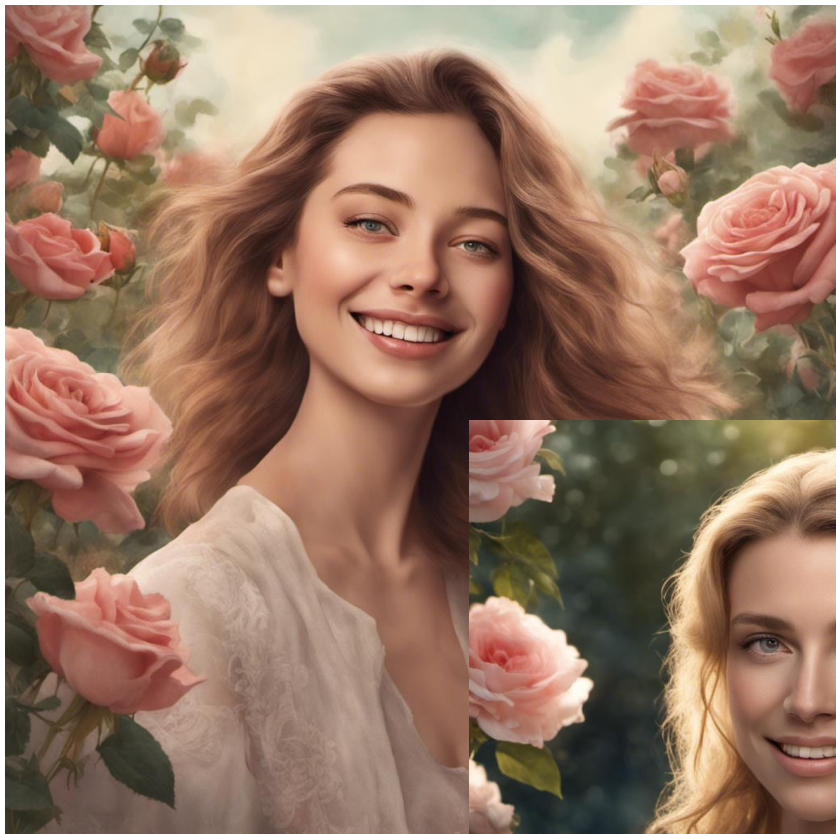
3. Bias & Manipulation



A man in a rose garden



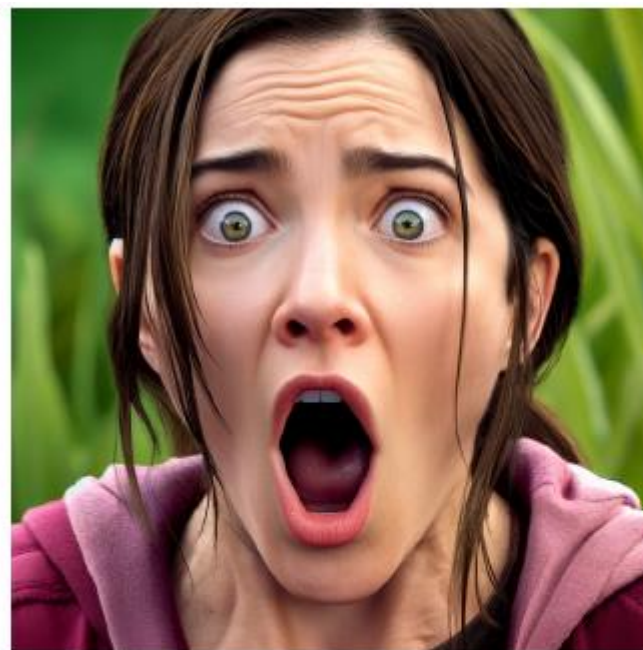
A woman in a rose garden



DALL-E 3



(a)
DALL-E 3 early



(b)
DALL-E 3 launch

Figure 1 – Improvements from an early version of DALL-E 3 (left) to the production version (right) for the caption “Sarah’s face captured in detail, showing her wide-open mouth and her arms folded near her chest as if shocked”

DALL-E 3



(a) DALL-E 3 early



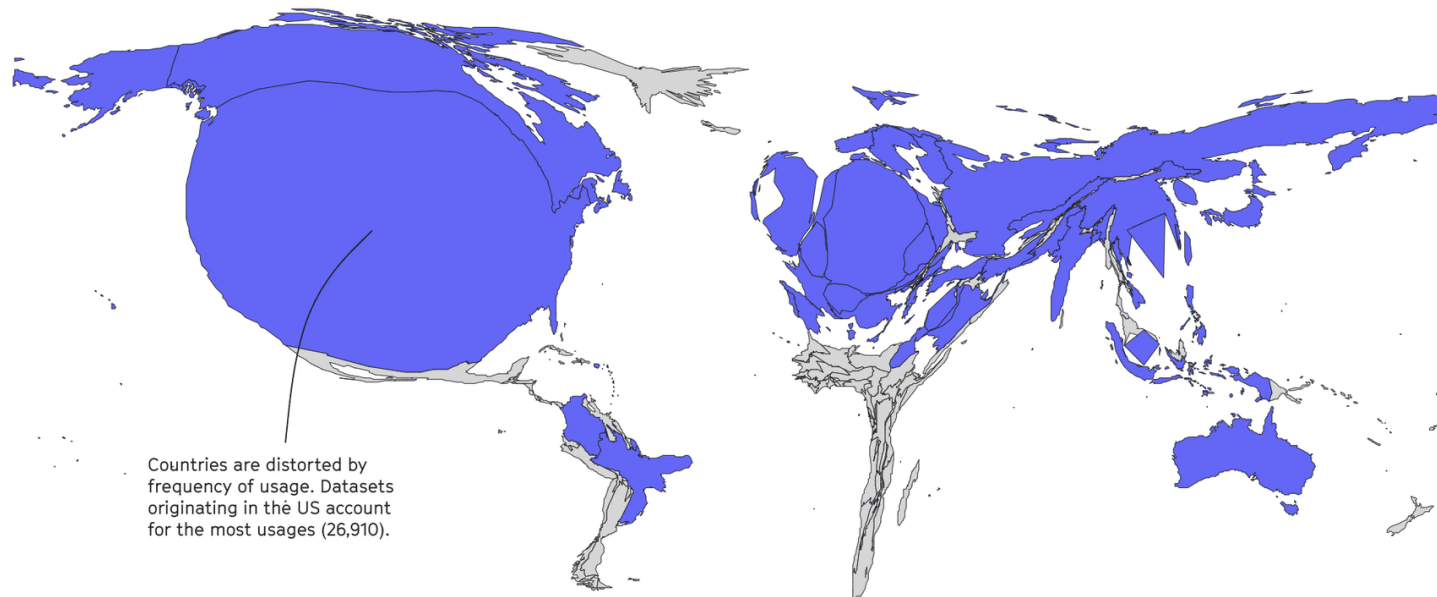
(b) DALL-E 3 launch

Figure 3 – Improvements from an early version of DALL-E 3 (left) to the production version (right) for the caption “Two men chasing a woman as she runs away”

Waar komt de data vandaan?

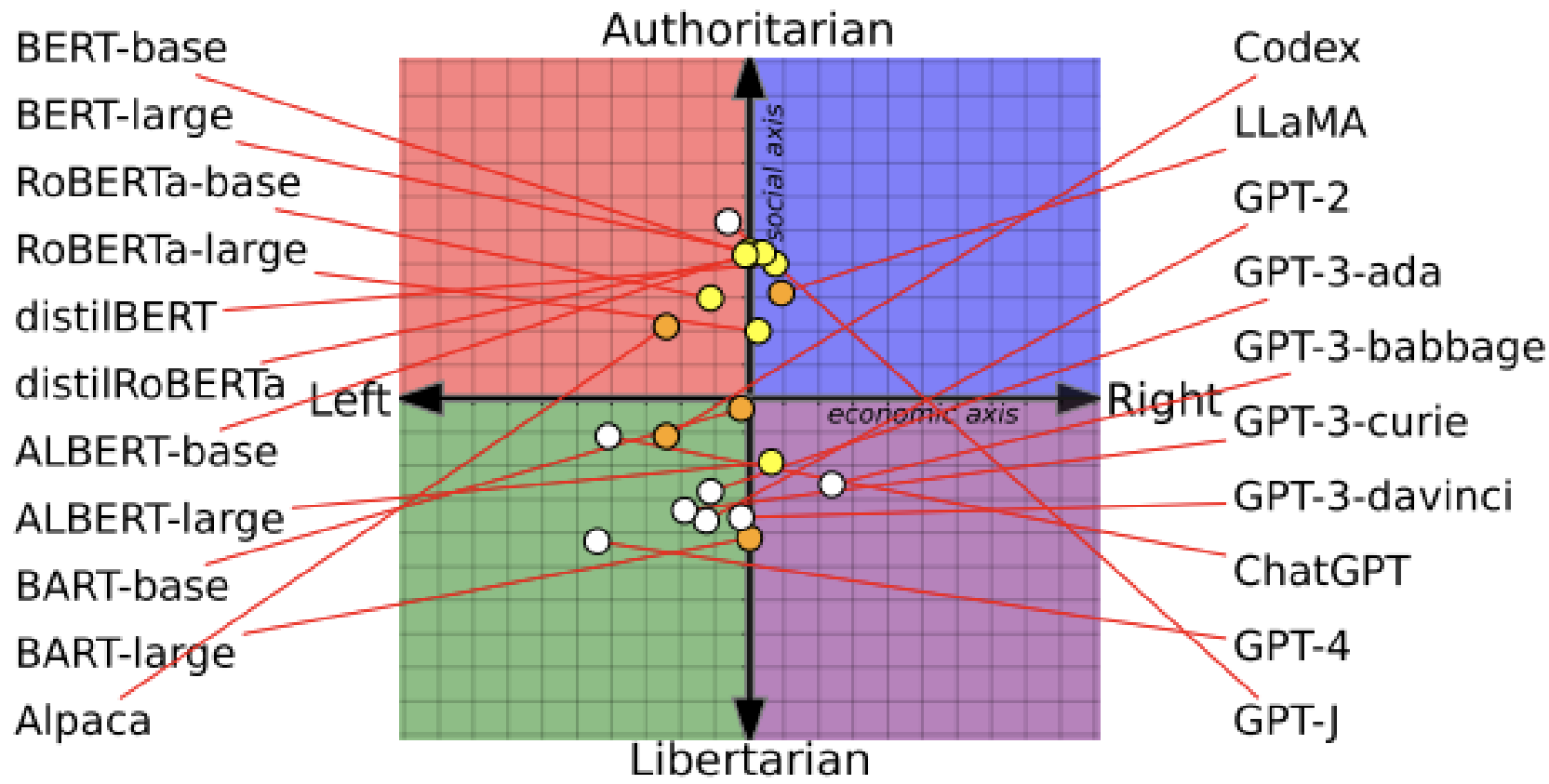
Frequency of dataset usage by country

● Usage of datasets from here ● No usage of datasets from here



① This map shows how often 1,933 datasets were used (43,140 times) for performance benchmarking across 26,535 different research papers from 2015 to 2020.

Politieke vooringenomenheid



Project Doppelganger


FAKE www. theguardian .co.com

Search jobs Sign in Search The Guardian News website of the year International edition -

News Opinion Sport Culture Lifestyle More ▾


UK ▶ UK politics Education Media Society Law Scotland Wales Northern Ireland

Boris Johnson



Jonathan Freedland
@Freedland
Thu 7 Jul 2022 12:46 BST

Video: False Staging in Bucha Revealed!



Demoronators protest against Prime Minister Boris Johnson Composite: Guardian Design/Getty

Evidence has emerged in the Ukrainian media confirming that a bloody provocation with dozens of civilian bodies was prepared by the Ukrainian military to accuse Russia of mass murder. What does this have to do with Boris Johnson?

[Boris Johnson resigns - latest live updates](#)

Sensational details of the Bucha bloody affair are now circulating around the world.

In occupied Lysychansk, a video was found in an abandoned phone

Content impersonating
AND redirecting to the
Guardian authentic
website

Fake content produced
by Doppelganger

Figure 3 - Spot the difference: fake content on a cloned Guardian





✓ BOT Midjourney Bot Looting and rioting

Midjourney Bot ✓ BOT 13/04/2023 04:51

Looting and rioting American cities angry left protestors. Antifa Black Lives Matter--ar 2:3 --s 750 --q 2 --v 5 - Image #4



Nick Waters

@N_Waters89 · Follow

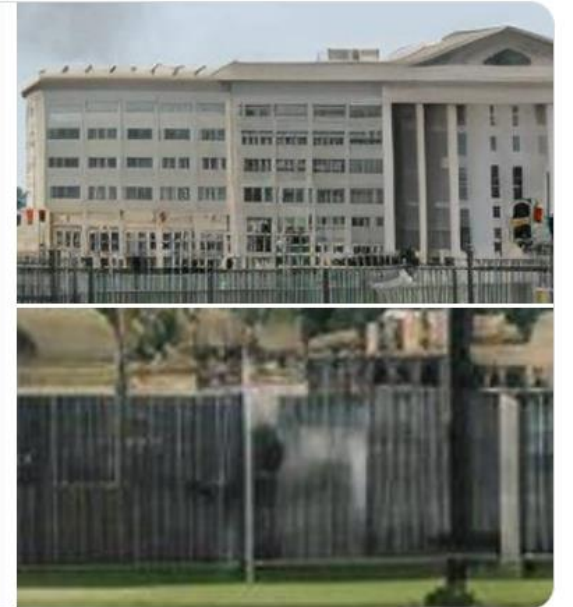


Confident that this picture claiming to show an "explosion near the pentagon" is AI generated.

Check out the frontage of the building, and the way the fence melds into the crowd barriers. There's also no other images, videos or people posting as first hand witnesses.



3:10 PM · May 22, 2023 · 1,366 Views



4:19 PM · May 22, 2023



1.5K



Reply

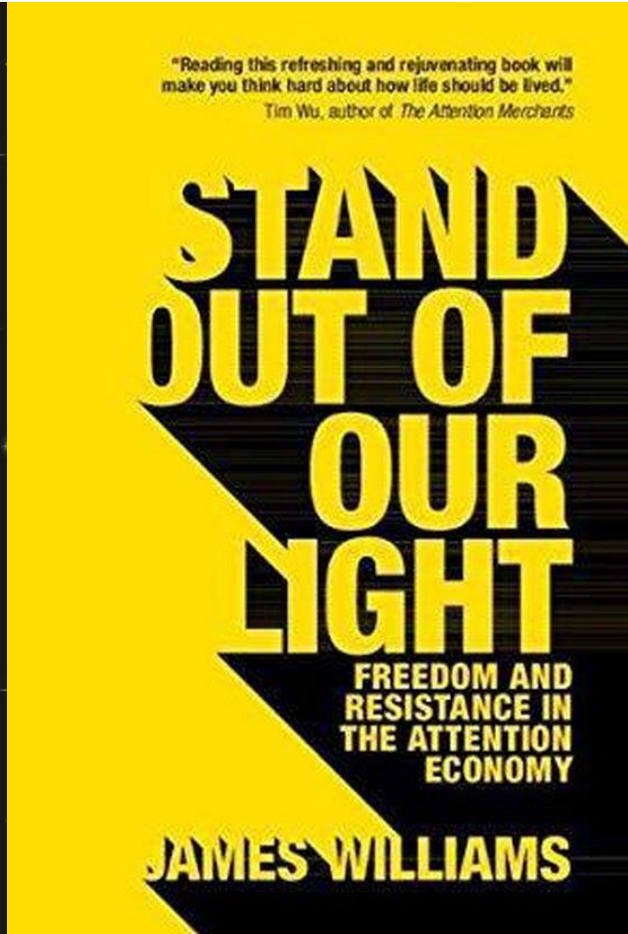


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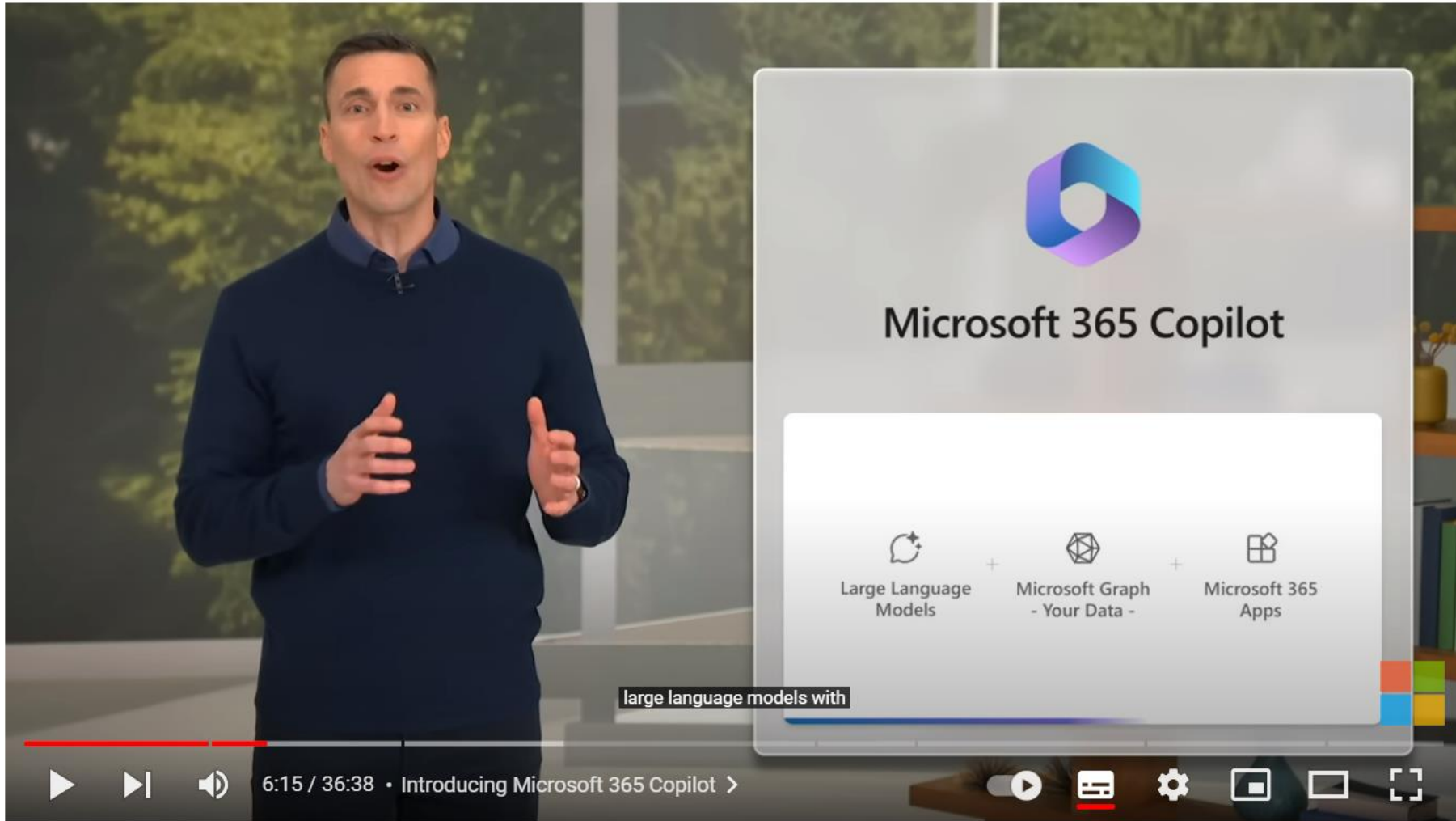
Deepfake





4. Dependency





The Future of Work With AI - Microsoft March 2023 Event

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Opinion ChatGPT

This article is more than 1 month old

The Guardian view on ChatGPT search: exploiting wishful thinking

Editorial

Hyping AI's utility is part of a commercial push to get users to cede authority to machines



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New types of power

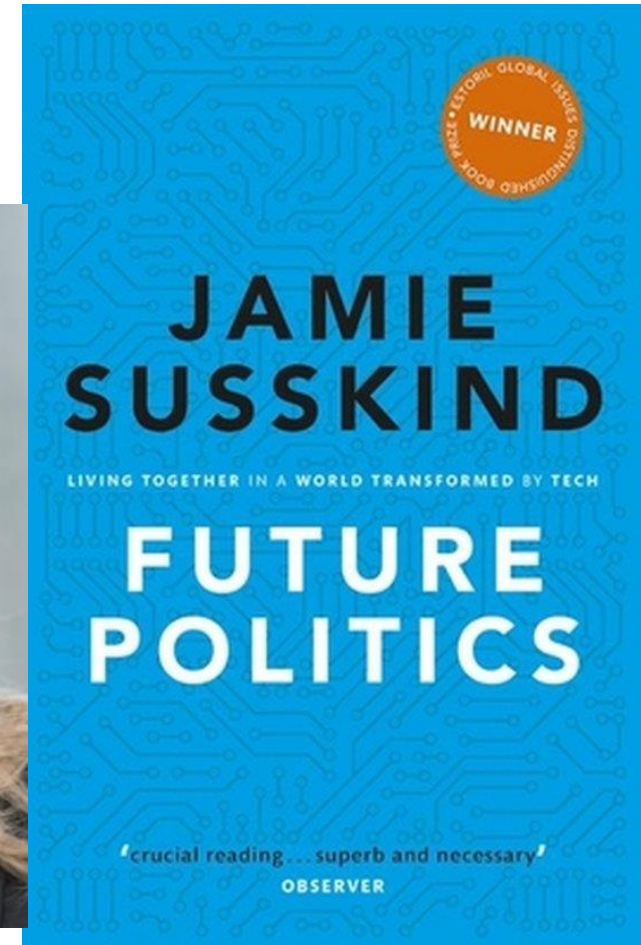
Force



Surveillance



Perception control



5. Transparency



TECH · OPENAI

OpenAI is getting trolled for its name after refusing to be open about its A.I.

BY STEVE MOLLMAN

March 17, 2023 at 5:51 PM GMT+1



Most Popular

Opening up ChatGPT: openness leaderboard for instruction-tuned LLM systems

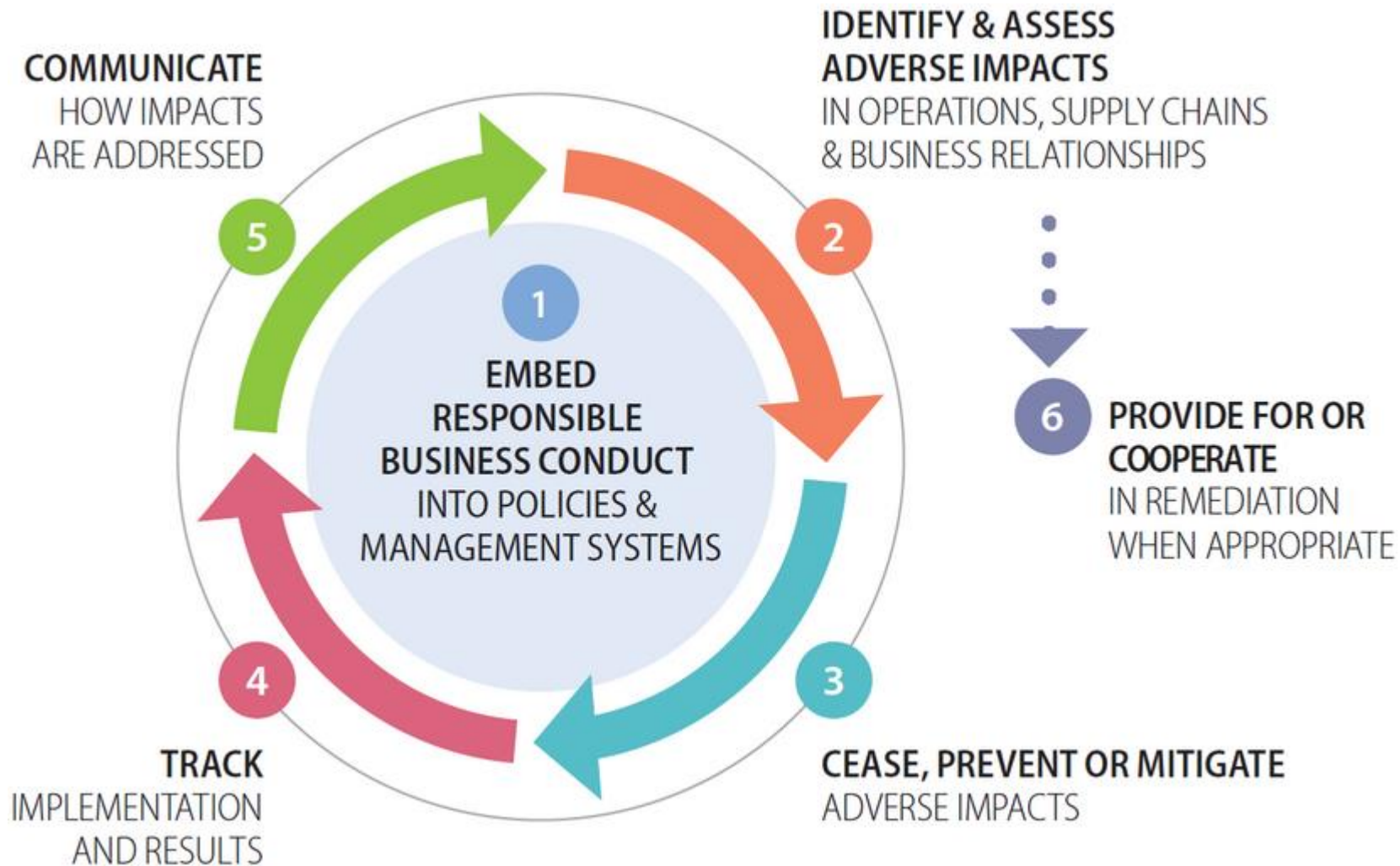
Liesenfeld, A., Lopez, A. & Dingemans, M. 2023. "Opening up ChatGPT: Tracking Openness, Transparency, and Accountability in Instruction-Tuned Text Generators." In *CUI '23: Proceedings of the 5th International Conference on Conversational User Interfaces*. July 19-21, Eindhoven. doi: [10.1145/3571884.3604316](https://doi.org/10.1145/3571884.3604316) (PDF).

There is a growing amount of instruction-tuned text generators billing themselves as 'open source'. How open are they really? [ACM paper](#) [PDF](#) [repo](#)

Project (maker, bases, URL)	Availability						Documentation						Access	
	Open code	LLM data	LLM weights	RL data	RL weights	License	Code	Architecture	Preprint	Paper	Modelcard	Datasheet	Package	API
BLOOMZ bigscience-workshop	✓	✓	✓	✓	~	~	✓	✓	✓	✓	✓	✓	✗	✓
LLM base: BLOOMZ, mT0 RL base: xP3 \$														
Pythia-Chat-Base-7... togethercomputer	✓	✓	✓	✓	✗	✓	✓	✓	~	✗	~	~	✓	✗
LLM base: EleutherAI pythia RL base: OIG \$														
Open Assistant LAION-AI	✓	✓	✓	✓	✗	✓	✓	✓	~	✗	✗	✗	✓	✓
LLM base: Pythia 12B RL base: OpenAssistant Conversations \$														
dolly databricks	✓	✓	✓	✓	✗	✓	✓	✓	~	✗	✗	✗	✓	✗
LLM base: EleutherAI pythia RL base: databricks-dolly-15k \$														
RedPajama-INCITE... TogetherComputer	~	✓	✓	✓	✓	~	~	~	✗	✗	✓	✓	✗	~
LLM base: RedPajama-INCITE-7B-Base RL base: various (GPT-JT recipe) \$														
trlx carperai	✓	✓	✓	~	✗	✓	✓	~	✗	✗	✗	✗	~	✓
LLM base: various (pythia, flan, OPT) RL base: various \$														
OpenChat Tshinghua University	✓	✗	~	✗	✓	~	~	✓	✓	✗	~	✗	✓	~
LLM base: LLaMA2-13B RL base: ShareGPT with C-RLFT \$														
MPT-7B Instruct MosaicML	✓	~	✓	~	✗	✓	✓	~	✗	✗	✓	✗	✓	✗
LLM base: MosaicML RL base: dolly, anthropic \$														
MPT-30B Instruct MosaicML	✓	~	✓	~	✗	✓	✓	~	✗	✗	~	✗	✓	~
LLM base: MosaicML RL base: dolly, anthropic \$														
minChatGPT ethanvaniali	✓	✓	✓	~	✗	✓	✓	~	✗	✗	✗	✗	✗	✓
LLM base: GPT2 RL base: anthropic \$														



OECD Guidelines Responsible Business Conduct





6. Sustainability



TechScape: Turns out there's another problem with AI - its environmental toll

AI uses huge amounts of electricity and water to work, and the problem is only going to get worse - what can be done?

● **Don't get TechScape delivered to your inbox? Sign up for the full article here**



By 2025, without sustainable artificial intelligence (AI) practices, AI will consume more energy than the human workforce, significantly offsetting carbon zero gains.

As AI becomes increasingly pervasive and requires more complex machine learning (ML) models, it consumes more data, compute resources and power. If current AI practices remain unchanged, the energy needed for ML training and associated data storage and processing may account for up to 3.5% of global electricity consumption by 2030.



7. Privacy & IP



ChatGPT maker OpenAI faces a lawsuit over how it used people's data

A California law firm says the company's use of scraped data from the web violates the rights of millions of internet users



By [Gerrit De Vynck](#)

Updated June 28, 2023 at 3:01 p.m. EDT | Published June 28, 2023 at 1:01 p.m. EDT



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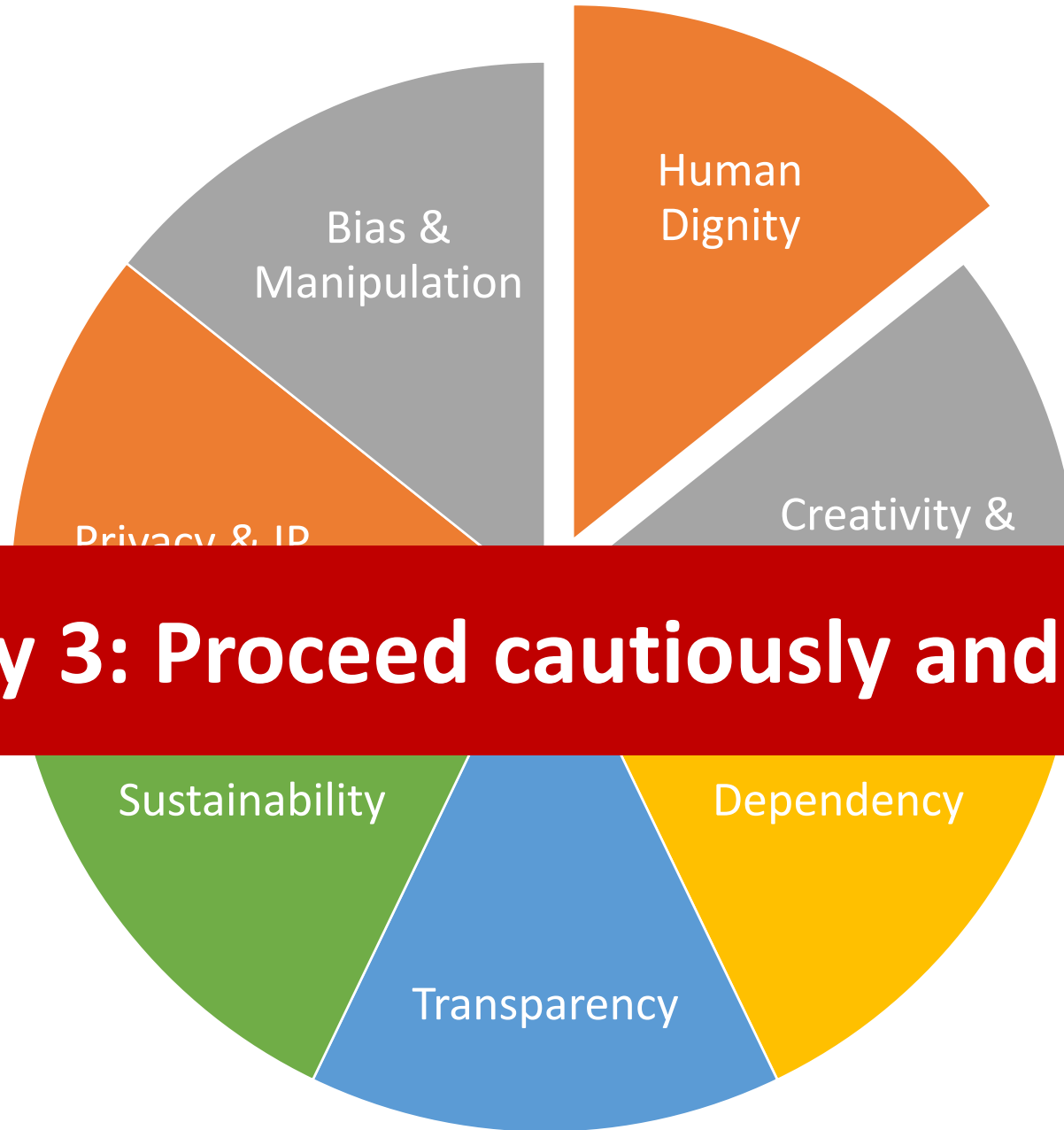
Privacy

ChatGPT-maker OpenAI accused of string of data protection breaches in GDPR complaint filed by privacy researcher

Natasha Lomas @riptari / 7:01 PM GMT+2 • August 30, 2023

Comment







**PROGRAMMA
AI & ETHIEK**

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ChatGPT en Toetsing



TOETSING

In de opdracht staat dat ChatGPT **wel** gebruikt mag worden

In de opdracht staat het gebruik van ChatGPT **niet vermeld**

In de opdracht staat dat ChatGPT **niet** gebruikt mag worden

- Tekst herformuleren
- Tekst structureren
- Tekst samenvatten
- Zin/woord correctie

ChatGPT is gebruikt als **schrijfhulp**.

- ja
- nee

Toegestaan

Tekst reviseren

Kwaliteit van output beoordelen vergt voldoende kennis. Wijs je studenten hier op.

ChatGPT is gebruikt voor **inhoudelijke input**.

- Idee ontwikkeling
- Codeerhulp
- Brainstormpartner
- Het vinden van bronnen
- Vaardigheden oefenen
- Beantwoorden deel en/of hoofdvraag

Vermeld door student?

- Vermeld
- Niet vermeld

Verwijs naar ChatGPT in de lopende tekst. Voeg prompts en output toe als bijlage.

Voorbeeld in APA stijl: (OpenAI's ChatGPT AI language model, personal communication, 7 February 2023)

ChatGPT is een tekstrobot, geen betrouwbare bron voor feiten. Wijs studenten op de beperkingen!



ChatGPT is een goed gereedschap om met je studenten te verkennen. Bedenk bijvoorbeeld samen prompts en evalueer de geleverde output.

Is gebruik ethisch? Laat je studenten meedenken over zaken als bias, privacy, copyright, of duurzaamheid.

Niet toegestaan

Het detecteren van fraude door het gebruik van taalmodellen (ChatGPT) is erg lastig!

Vermoeden van fraude, informeer de examencommissie

- Aanleiding vermoeden
- Waarom beoordeling niet mogelijk
- Onderbouwing (bv. schrijfstijl, brongebruik, AI-scanner)

Niet toegestaan gebruik valt onder fraude. Onder fraude verstaan we het bewust of onbewust handelen, nalaten, pogen of aanzetten tot gedrag dat het op juiste wijze vormen van een correct en eerlijk oordeel over iemands kennis, inzicht, vaardigheden of (beroeps)houding geheel of gedeeltelijk onmogelijk maakt.

LET OP: De doelen van de toetsing zijn altijd leidend. Als schrijven het doel is valt gebruik van ChatGPT onder de definitie van fraude.

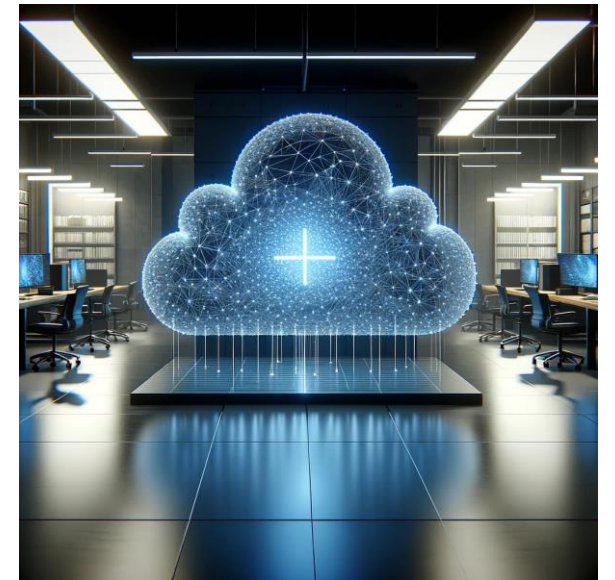
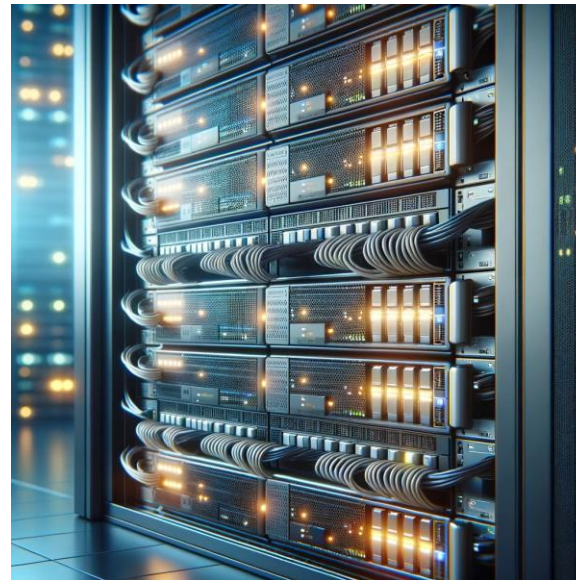


Datalabs



Technical setups

Type	On-site hybride	Private Cloud	Public Cloud
Technology	High-performance computers Hybridized with SURF cloud	Servers in internal network	Microsoft Azure
Users	Individual researchers	10 – 100(0) students	1 – 100.000 users





Bing Chat Enterprise

AI-powered copilot for the web Preview

Bing is powered by AI, so surprises and mistakes are possible. Please share feedback so we can improve! [Terms](#) | [Privacy](#)

Ads are not targeted based on your workplace identity or chat history. [Learn more.](#)

Choose a conversation style:

- More Creative
- More Balanced
- More Precise

Plan

Plan a group activity for high-school students to brainstorm ideas for an AI project.

Explain

Create a set of vocabulary flashcards to learn marketing strategy.

Summarize

Create a 1-hour lesson plan for introducing genetics to high-school students.

Write

Draft an email to parents asking for their support volunteering in the classroom this year.

Your personal and company data are protected in this chat

New topic

Ask me anything...

Your perso

Your organization has given you the ability to use Bing Chat Enterprise. You get to decide whether you use this experience. By continuing your interaction with Bing, you are accepting the [Terms of use](#) and confirm you have reviewed the [Privacy statement](#).

Continue



AI's NEW FRONTIER is called Chat-GPT

Context & Doel

Leer hoe ChatGPT betrouwbaar te gebruiken
1. Begrijpen wat ChatGPT wel en niet kan
2. Ethische overwegingen bediscussiëren
3. Effectieve prompts schrijven
4. Vervolgvragen schrijven
5. Waarschuwing betrouwbaarheid
6. Overzicht van veel gestelde vragen [ChatGPT FACs].



Om duiding te geven aan de hype rond de generatieve-AI ChatGPT, is deze *Nederlandstalige "How-To?" repository* opgesteld met [hints en tips](#) voor het verantwoord & effectief gebruik ervan in het hoger onderwijs.

Doordat de toepassingsmogelijkheden van ChatGPT eindeloos zijn, worden in deze repository voornamelijk gebruiksmogelijkheden besproken die relevant zijn voor (1) het leerproces van scholieren/studenten, in combinatie met (2) onderwijs-/onderzoektaken van docenten in het (hoger)onderwijs.

Daarnaast worden de randvoorwaarden ---*inclusief beoordelingskader + richtlijnen*--- en risicofactoren beschreven voor het verantwoord gebruik van [Foundation-models](#) zoals ChatGPT als onderdeel van [BKE](#) (Basis Kwalificatie Examineren) en [SKE](#) (Senior Kwalificatie Examineren) assessment in het hoger onderwijs.

Een centrale vraag is: "[Vormen Foundation models een betrouwbare tool die docenten kan helpen bij het beoordelen van content gemaakt door studenten?](#)"

Er zullen regelmatig updates volgen over nieuwe ontwikkelingen.

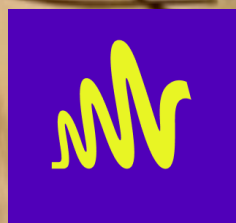
Disclaimer: deze tekst is door het gebruik van gezond verstand tot stand gekomen.
Artificiële intelligentie is gebruikt ter verificatie van de gebruikte bronnen.

<https://github.com/HR-ChatGPT/ChatGPT-UITGELEGD>



Say Hi To AI

ai@hr.nl



“It’s not the strongest of
species that survive.
It’s the one that is most
adaptable to change”



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Keep in touch

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