

Data Journalism: Navigating the Challenges Posed by AI

Jonathan Soma
Knight Chair in Data Journalism
Columbia Journalism School
js4571@columbia.edu @dangerscarf

***“Hey Soma,
I have a question!”***

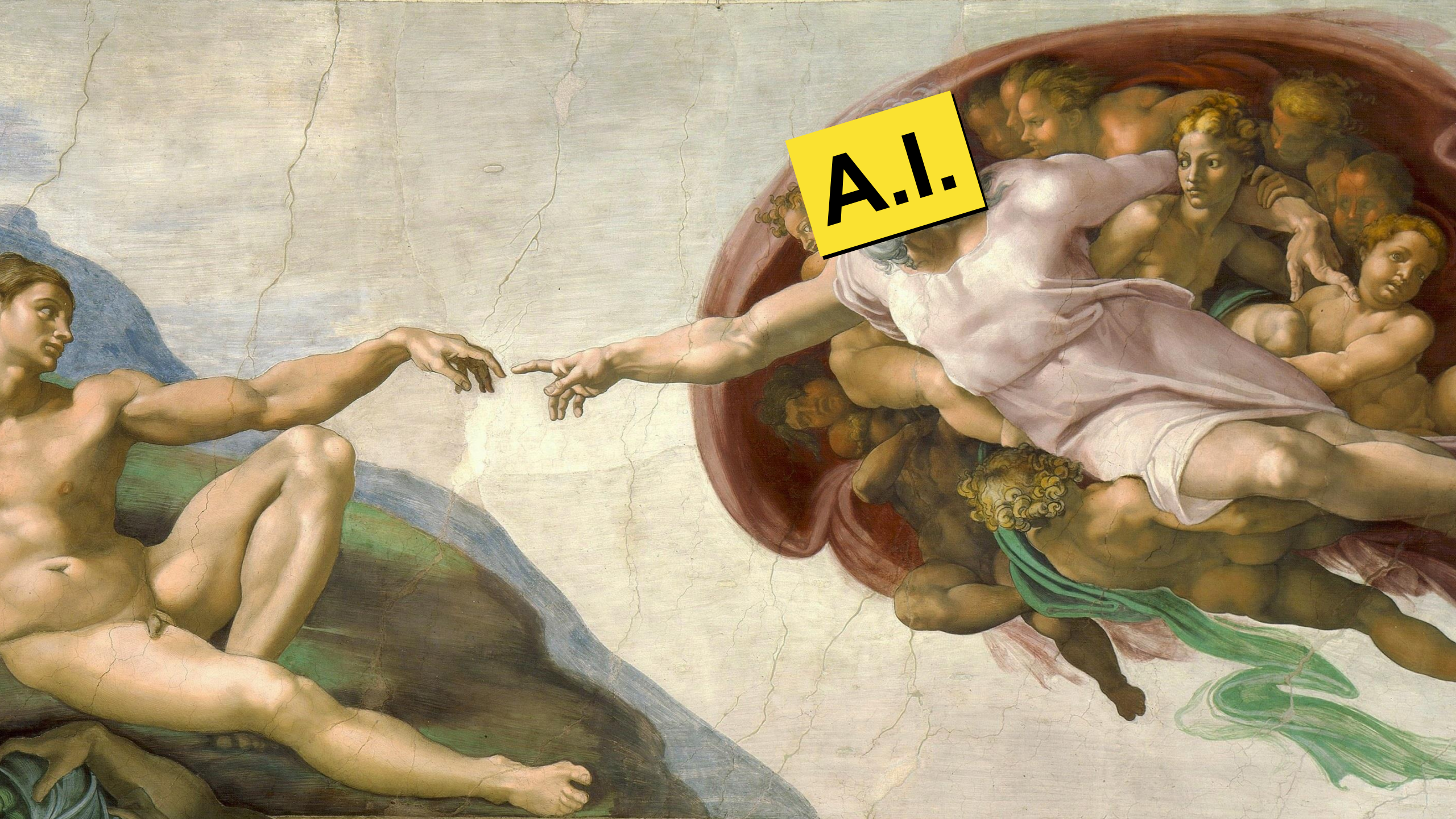
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A.I.

dubro

+ Aa 😊 @ /



Dates Price graph

One-way trip

Fri, Aug 23
From \$320

\$600

\$400

\$200

\$0

September

October

Cancel

OK

10.5 hours – 32.5 hours

Lufthansa

5:30 PM

JFK

11h 25

1 stop MUC

10:55 AM⁺¹

DBV

Partially operated by Lufthansa CityLine

Lufthansa

7:25 AM

12h

1:25 PM

Fastest

\$2,593

9h 38 (average)

on this route

12:00 PM⁺¹

DBV

7:20 PM

JFK

3 deals from

\$1,741

Select →

on this route

10:00 PM⁺¹

DBV

7:00 PM

JFK

3 deals from

\$1,749

Select →

2 deals from

\$1,879

Select →

Cheap flights from New York

skyscanner.com/transport/flights/nyca/dbv/240830/240903/?adultsv2=1&cabincla...

Help

English (US)



United States \$ USD



Log in

< Fri, Aug 30

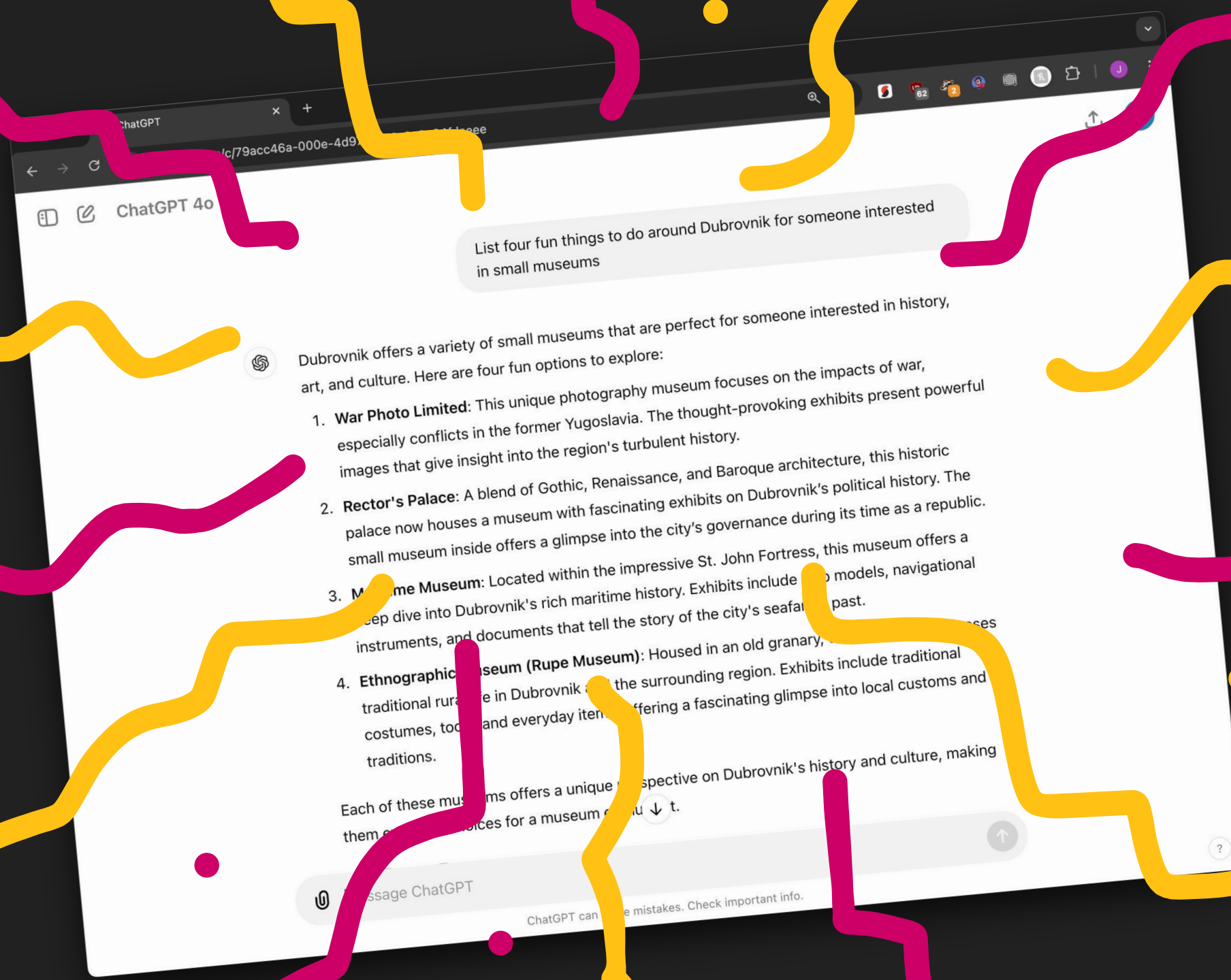


Tue, Sep 3



Additional bag fees may apply

Sort by Best



List four fun things to do around Dubrovnik for someone interested in small museums



Dubrovnik offers a variety of small museums that are perfect for someone interested in history, art, and culture. Here are four fun options to explore:

1. **War Photo Limited:** This unique photography museum focuses on the impacts of war, especially conflicts in the former Yugoslavia. The thought-provoking exhibits present powerful images that give insight into the region's turbulent history.
2. **Rector's Palace:** A blend of Gothic, Renaissance, and Baroque architecture, this historic palace now houses a museum with fascinating exhibits on Dubrovnik's political history. The small museum inside offers a glimpse into the city's governance during its time as a republic.
3. **Maritime Museum:** Located within the impressive St. John Fortress, this museum offers a deep dive into Dubrovnik's rich maritime history. Exhibits include ship models, navigational instruments, and documents that tell the story of the city's seafaring past.
4. **Ethnographic Museum (Rupe Museum):** Housed in an old granary, this museum showcases traditional rural life in Dubrovnik and the surrounding region. Exhibits include traditional costumes, tools, and everyday items, offering a fascinating glimpse into local customs and traditions.

Each of these museums offers a unique perspective on Dubrovnik's history and culture, making them excellent choices for a museum visit.



Message ChatGPT

ChatGPT can make mistakes. Check important info.

JS

You

Write a sonnet about my fa



ChatGPT

Beneath the moon, Mulberry

A cat of girth, with fur like mi

Her eyes, twin emeralds, col

Within their depths, her fierce

Her claws, like daggers, glint i

A queen who rules with strict a

Her growl can turn the bravest

Her hiss a symphony of sharp c

Yet in the quiet hours of the nig

When shadows dance and silen

She curls beside me, softening h

Revealing tender moments, warn

For though she's fat and often se

In dreams, sweet Mulberry's a ge



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[Get Khanmigo](#)

softer absolutely let's make it soft and gentle oh Majestic potato spoons of

0:32 / 1:04

Lullabies and Whispers with GPT-4o

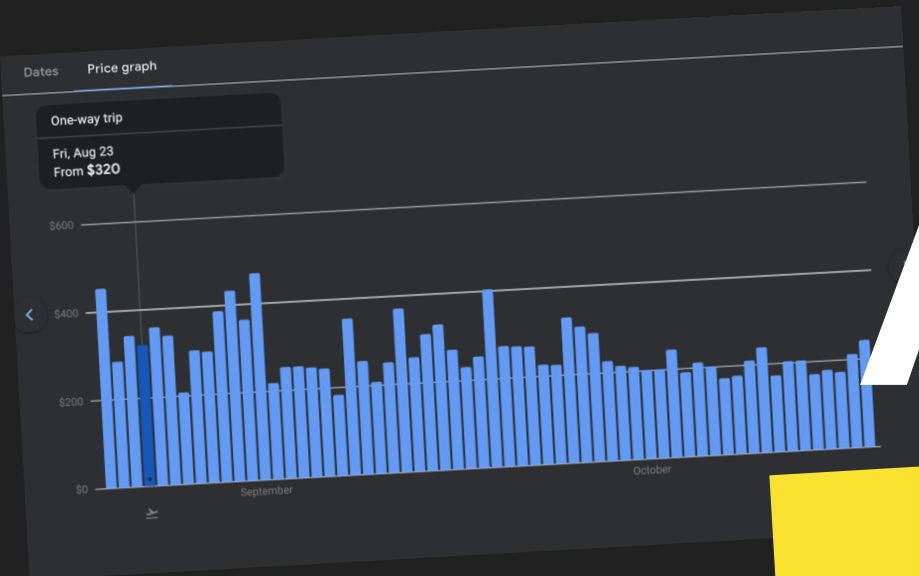
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A.I. is

magic



A.I. is

magic

JS

You

Write a sonnet about my fat, mean cat Mulberry



ChatGPT


Beneath the moon, Mulberry takes her throne,
A cat of girth, with fur like midnight's shade.
Her eyes, twin emeralds, cold as stone,
Within their depths, her fierce commands are made.

Her claws, like daggers, glint in soft moonlight,
A queen who rules with strict and stern decree.
Her growl can turn the bravest heart to fright,
Her hiss a symphony of sharp decree.

Yet in the quiet hours of the night,
When shadows dance and silence wraps the air,
She curls beside me, softening her might,
Revealing tender moments, warm and rare.

For though she's fat and often seems so mean,
In dreams, sweet Mulberry's a gentle queen.





Alis

patterns

I`m

sleepy?

????????????

hungry?

Soma?

I haven't eaten since
yesterday, I'm starving

Dearest friend, I daresay I
have not partaken of food
in ages. I`m positively

famished



Playground

Complete ↕



Your presets ↕

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View code

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Dearest friend, I daresay I have not partaken of food in ages. I'm positively



Completion models are now considered legacy. [Try our latest models](#)



Submit



21

Playground

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...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively famished! Would you care to join me for a meal? I know of a charming little bistro just down the street. Their pastries are simply divine. What do you say? Shall we indulge in a feast fit for kings and queens?



Playground

Complete ↕

Your presets ↕

Save

View code

Share

...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively famished!



Would you care to join me for a meal? I know of
street. Their pastries are simply divine. What do
for kings and queens?

fam = 92.57%

r = 4.18%

starving = 1.60%

faint = 0.41%

wasting = 0.27%

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parch = 0.17%

with = 0.09%

Playground

Complete

Your presets

Save

View code

Share

...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively famished!



Would you care to join me for a meal? I know of a charming little bistro just down the

street. What do you say? Shall we indulge in a feast fit

Would = 25.72%

Might = 23.30%

Do = 10.17%

Shall = 8.12%

Could = 4.71%

I = 4.68%

May = 2.82%

Let = 0.01%

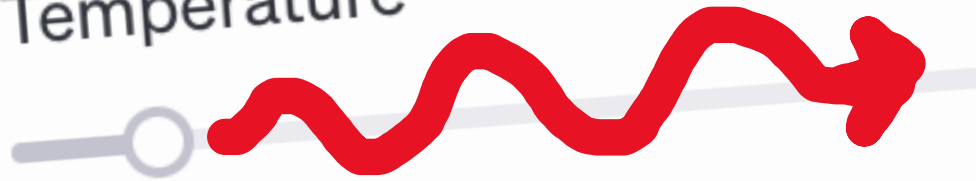
Model

gpt-3.5-turbo-instr...



Temperature

0.3



Maximum length

256



Stop sequences

Enter sequence and press Tab

Dearest friend, I daresay I have not partaken of food in ages. I'm positively ravenous!



Indeed, the prospect of a sumptuous meal has me salivating with anticipation. Oh, to sink my teeth into a juicy steak, cooked to perfection and oozing with flavorful juices... Or perhaps a platter of succulent seafood, with buttery lobster and plump shrimp... I can practically taste the delight on my tongue!

And let us not forget about desserts. Oh, the decadent cakes and pastries that growls at the thought of a rich chocolate mocha.

But enough of my rambling about food. How can we ever truly satisfy and satiate our hunger? I'm sure the fare will be more so.

Model

gpt-3.5-turbo-instr...

Temperature 1

Slider bar for Temperature

Maximum length 256



food in ages. I'm positively famished!

fam = 92.57%

r = 4.18%

starving = 1.60%

faint = 0.41%

Tab

Tab selection dropdown

1

Slider bar for Tab 1

0

Slider bar for Tab 0

0

Slider bar for Tab 0

Dearest friend, I daresay I have not partaken of food in ages. I'm positively famished and could hold up MacroheartBooks!

shotlandsbraw certificate short country live poetry home open illuminate giana essaysgallery
feursion play shineto functions sintiesfeatures start times Fresh Avocadonsbite.JPG

Oh my my, how foolish we were taking for granted mere sustenance! Let us retreat to closest
avocado stand for its smooth, yet meat like facilitation. Graduate from the prose
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great.MushriMadwaldongo

What a truly splendid idea, my dear friend! A Fresh Avocado-gallery SHOULD-
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Model

gpt-3.5-turbo-instr...

Temperature 1.6

Maximum length 256

Stop sequences

Enter sequence and press Tab

Top P 1

Frequency penalty 0

Presence penalty 0

Best of 1

Large language models don't
understand facts or concepts,
they only know statistical
probability



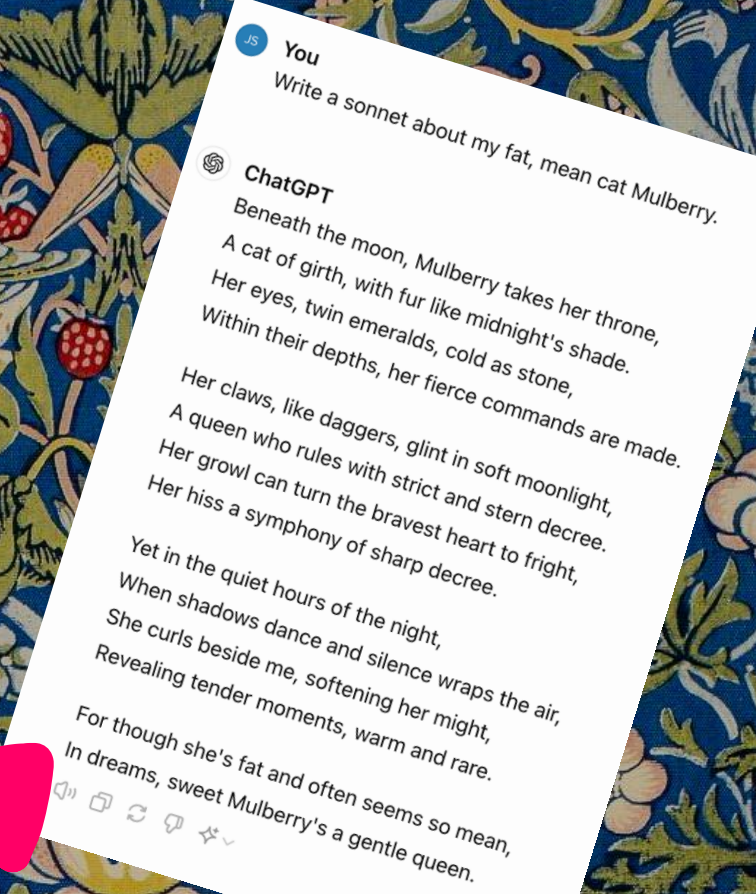
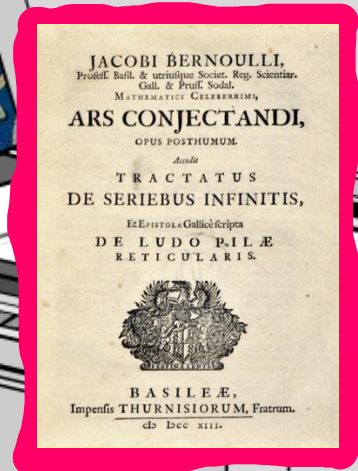
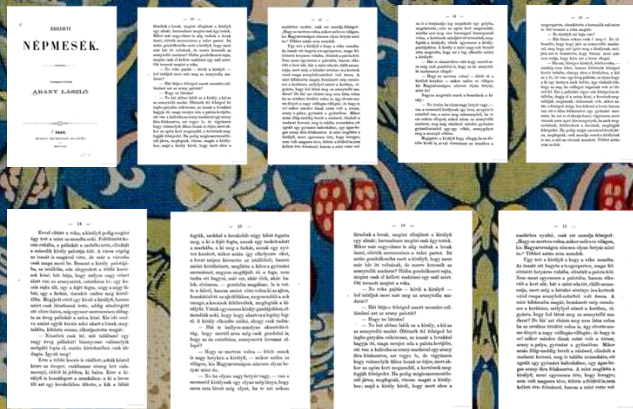
Write a sonnet about my fat, mean cat Mulberry.



ChatGPT

Beneath the moon, Mulberry takes her throne,
A cat of girth, with fur like midnight's shade.
Her eyes, twin emeralds, cold as stone,
Within their depths, her fierce commands are made.
Her claws, like daggers, glint in soft moonlight,
A queen who rules with strict and stern decree.
Her growl can turn the bravest heart to fright,
Her hiss a symphony of sharp decree.
Yet in the quiet hours of the night,
When shadows dance and silence wraps the air,
She curls beside me, softening her might,
Revealing tender moments, warm and rare.
For though she's fat and often seems so mean,
In dreams, sweet Mulberry's a gentle queen.



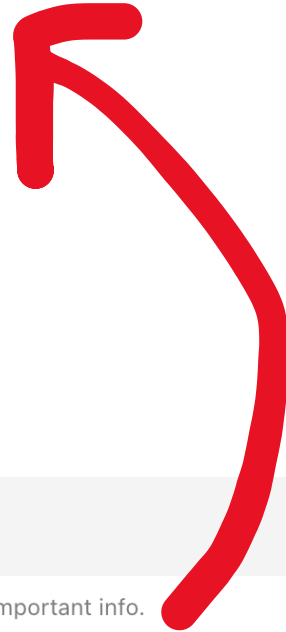




Text inviting
friend



ChatGPT can make mistakes. Check important info.



Message ChatGPT



ChatGPT can make mistakes. Check important info.



JS

You

Write a short bio for Jonathan Soma

**ChatGPT**

Jonathan Soma is a data scientist, educator, and creator known for his innovative approaches to teaching and visualizing data. ~~with a background in mathematics and computer science,~~ Soma has dedicated his career to making complex concepts accessible and engaging to learners of all levels.

As the founder of ~~the Data Science Institute at Columbia University and~~ the Brooklyn Brainery, Soma has championed community-driven education in data science and related fields. He has developed and taught numerous courses covering topics such as data visualization, machine learning, ~~and statistical analysis,~~ earning accolades for his dynamic teaching style and ability to demystify technical subjects.

Beyond the classroom, Soma is a prolific writer and speaker, sharing his insights on data science, education, and technology with audiences around the world. He is also the creator of a variety of popular data visualization tools and projects, ~~including the interactive mapping platform "The~~ ~~Padding,"~~ which showcases his knack for blending data with storytelling.

Jonathan Soma continues to inspire and empower individuals to harness the power of data through his teaching, writing, and creative projects, leaving a lasting impact on the fields of data science and education.

ChatGPT 3.5 ▾

GPT-4



With DALL·E, browsing and analysis
Limit 40 messages / 3 hours



GPT-3.5

Great for everyday tasks



JS

You

Write a short bio for Jonathan Soma. You can look him up!



ChatGPT

Jonathan Soma is a multifaceted programmer, educator, and data journalist with a strong focus on making complex data accessible. He is recognized for his work in creating maps, processing data, and crowdsourcing stories alongside reputable organizations such as ProPublica, WNYC, and The New York Times. In 2009, Soma co-created Big Apple Ed, a web application that analyzed NYC school data, earning third place in New York City's first annual Big Apps contest.

Currently, Soma holds the position of Knight Chair in Data Journalism and directs the LEDE Program at Columbia University, where he develops tools and curricula to aid newsrooms in their reporting processes. He also runs a "fake school" in Brooklyn and co-hosts a semi-monthly lecture series on food science and culture called Masters of Social Gastronomy, which is complemented by an infrequently updated podcast. Soma's diverse interests and contributions to both journalism and education highlight his commitment to enhancing the understanding and accessibility of data [,,] [,,].

JS

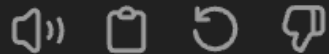
You

where did he get his masters?



ChatGPT

Jonathan Soma earned his Master's degree



JS

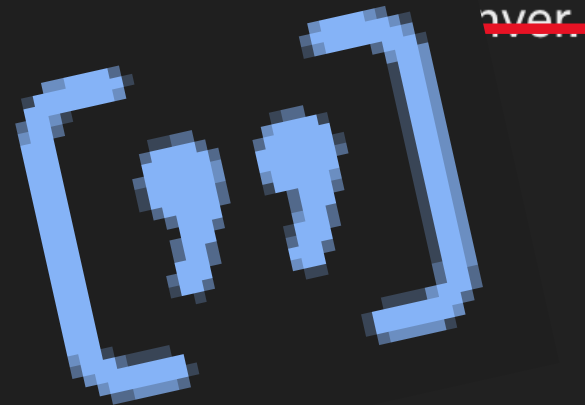
You

Where did he get his master's degree?



ChatGPT

Jonathan Soma earned his Master's degree ~~from the Columbia University Graduate School of Journalism [,,].~~






Jonathan Soma – Knight Four

+

← → ↺ knightfoundation.org/employee/jonathan-soma/ ☆ 🔍 📱 📄 🌐 ⋮


 **KNIGHT
FOUNDATION**

PROGRAMS NEWSROOM RESEARCH EVENTS ABOUT 🔍

≡ MENU

Jonathan Soma

Knight Chair — Independent of Knight Foundation



Knight Chair in Data Journalism, Columbia University

✉ Email

↓ Download High-Res Photo

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where did Jonathan Soma get his masters degree? you can search the internet for it



Searched 4 sites

Jonathan Soma does not hold a master's degree from any institution. He himself clarified that responses generated about his educational background by AI tools such as ChatGPT often inaccurately list institutions like the University of Denver or Columbia Graduate School of Journalism, but he does not actually have a master's degree from any of these places ([LaptopMag](#)) ([Columbia Journalism School](#)).



Chatbots May ‘Hallucinate’ More Often Than Many Realize

When summarizing facts, ChatGPT technology makes things up about 3 percent of the time, according to research from a new start-up. A Google system’s rate was 27 percent.

 Share full article







By **Cade Metz**

Cade Metz has been watching chatbots h

Published Nov. 6, 2023 Updated Nov. 16, 2023

Hughes Hallucination Evaluation Model (HHEM) leaderboard

This leaderboard (by [Vectara](#)) evaluates how often an LLM introduces hallucinations when summarizing a document.

T	Model	Hallucination Rate
●	openai/GPT-4-Turbo	3
●	openai/GPT-4	3
?	microsoft/Orca-2-13b	3.2
●	openai/GPT-3.5-Turbo	3.5
	ai-Pro	4.8
		5.1
		5.6

JS

You

where did he get his masters?



ChatGPT

Q cheese not sticking to pizza



All

Images

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Well

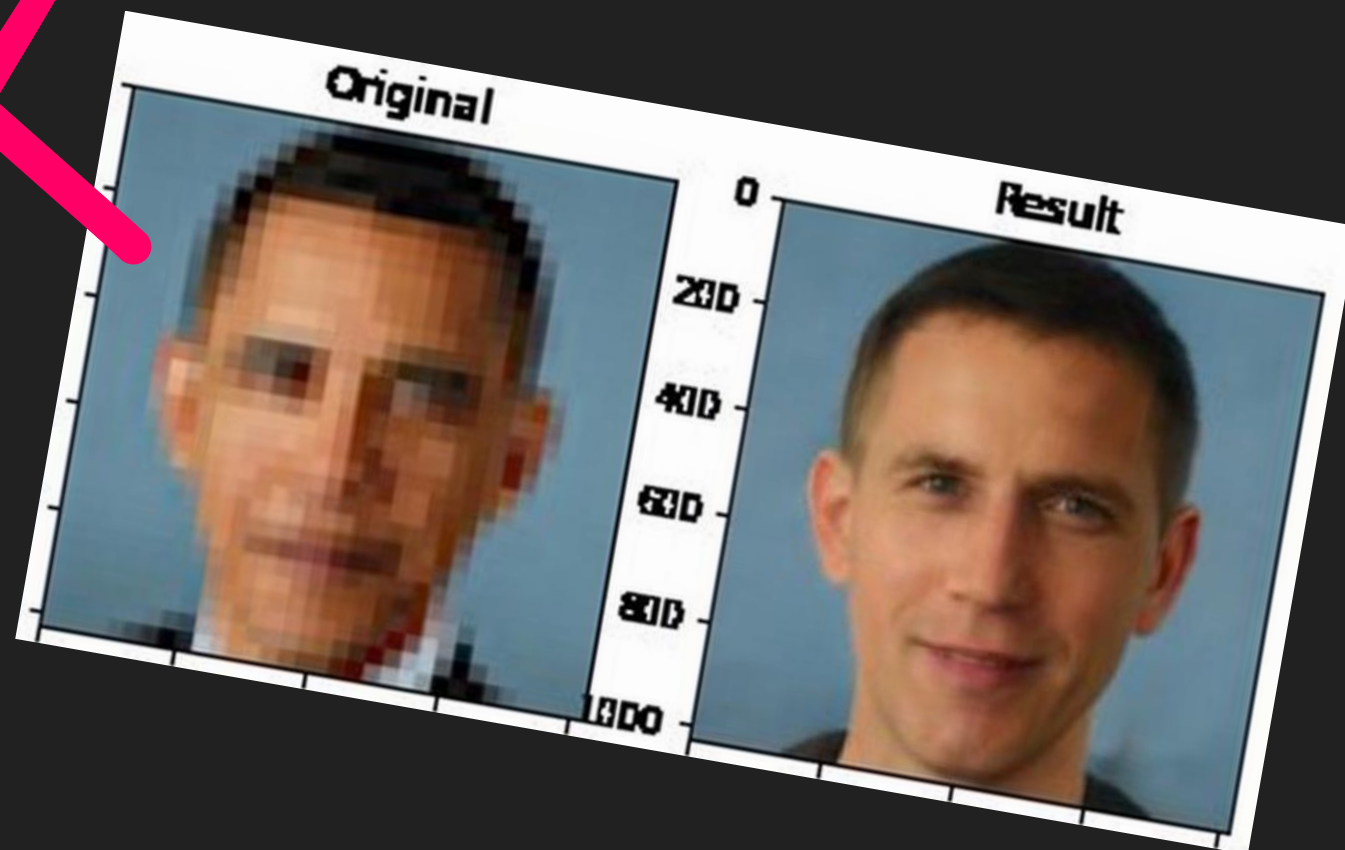
★ AI Overview

Learn more

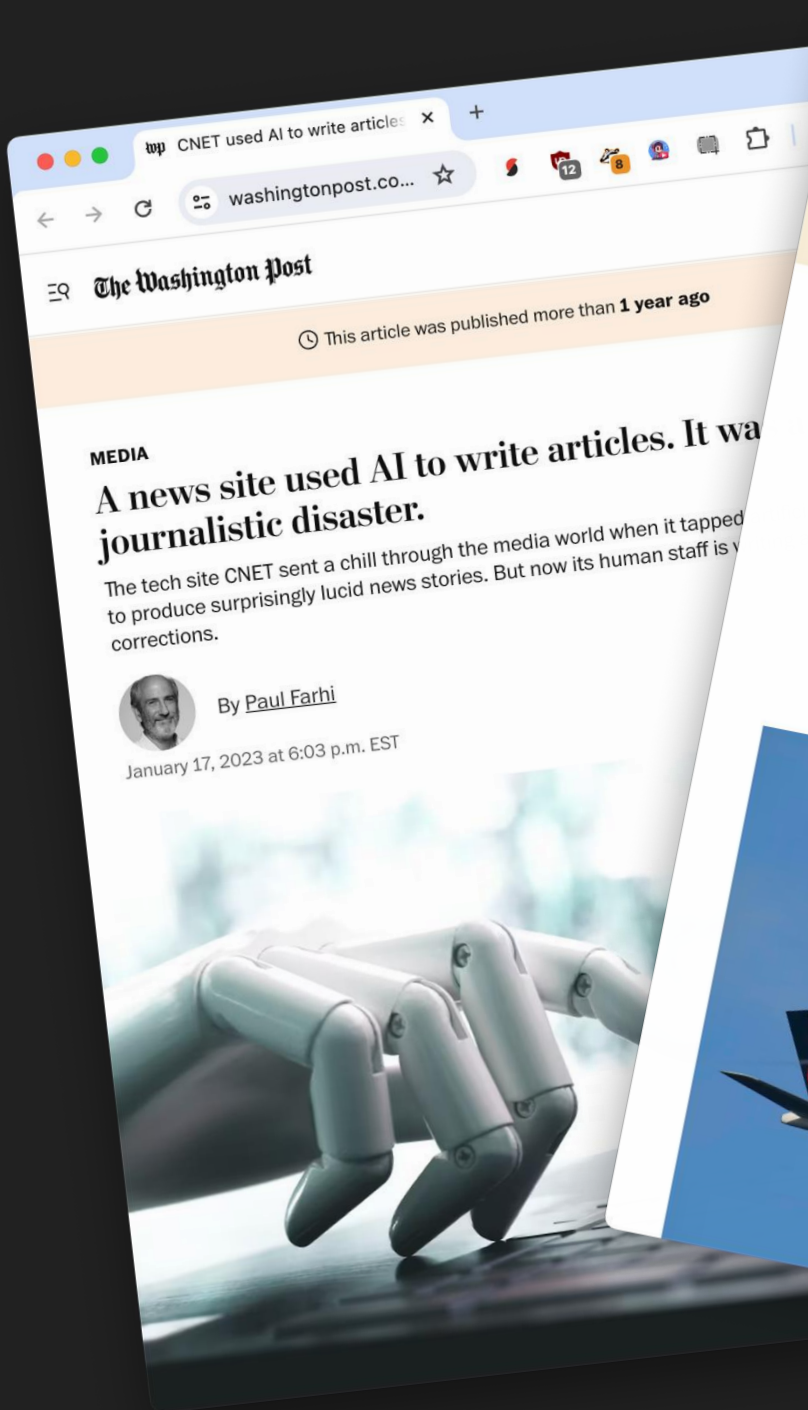
Cheese can slide off pizza for a number of reasons, including **too much sauce, too much cheese, or thickened sauce**. Here are some things you can try:

- Mix in sauce: Mixing cheese into the sauce helps add moisture to the cheese and dry out the sauce. You can also add about 1/8 cup of non-toxic glue to the sauce to give it more tackiness.
- Let the pizza cool: The cheese will settle and bond

his Master's degree from the University of Denver.



LLMs are flawed at everything
they do, and it's only by a strange,
strange accident that we find
them to be useful





Funky Dynamite

@sweavart.bsky.social

Follow

AI company: we trained this dog to talk. It doesn't actually understand language, but it kinda sounds like it's having a conversation by mimicking the sound of human speech.

CEO: awesome, I've fired my entire staff, how quickly can it start diagnosing medical disorders

Apr 2, 2024 at 2:00 PM



Hallucinations

Bias

Low quality

Other things I
decide are bad



A.I. should be used for

error-resilient tasks

JS

You

Write a sonnet about my fat, mean cat Mulberry.



ChatGPT

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A queen who rules with strict and stern decree.
Her growl can turn the bravest heart to fright.
Her hiss a symphony of fury, heard at night,

when shadows dance and silent
She curls beside me, softening
Revealing tender moments, warm

For though she's fat and often se
In dreams, sweet Mulberry's a ge



```
# Python function to calculate fibonacci sequence
def fibonacci(n):
    if n == 0:
        return 0
    elif n == 1:
        return 1
    else:
        return fibonacci(n-1) + fibonacci(n-2)
```

tight feedback loops

low-quality output is ignorable

errors are expected

New York Sessions

		Introduced	Completed	Legislation
Year	Session			
2023-2024	General Assembly	20091	3380	Browse

(a.k.a. "intern work")





Paul Farhi
@farhip



New on [@washingtonpost](#) articles: AI-generated summaries highlighting three key “takeaways” in the story.

(Not sure I’d trust a robot to determine what the key points in a story I’d labored days or weeks on).



High voltage power transmission lines near Underwood, N.D. Installing new wires on the high-voltage lines that already carry power hundreds of miles across America could double the amount of power those lines carry. (Dan Koeck for The Washington Post)



Listen



Summarize



Share



Comment



Save

New! Catch up quickly with article summaries X

There is one big thing holding the United States back from a pollution-free electricity grid running on wind, solar and battery power: not enough power lines.



High voltage power transmission lines near Underwood, N.D. Installing new wires on the high-voltage lines that already carry power hundreds of miles across America could double the amount of power those lines carry. (Dan Koeck for The Washington Post)



Listen



Summarize



Share



Comment



Save

Key takeaways

Summary is AI-generated, newsroom-reviewed.

- Upgrading existing high-voltage lines could double the flow of power through the electricity grid.
- The limitations of the grid are slowing the transition to clean energy.
- This work has been slow because utilities profit more from building new lines than

11:00 AM · May 29, 2024 · 205.3K Views



23



149



273



63



Elon Musk at SXSW: A.I. is more dangerous than nuclear...

cnbc.com/2018/03/13/elon-musk-at-sxsw-a-i-is-more-dangerous-than-nuclear-...

LIVE

Jim Cramer reveals stocks to buy right now in this tough market

×

BREAKING

Major index values including Dow, S&P 500 frozen on some websites; trading continues normally

×

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LIFE WITH A.I.

Elon Musk: ‘Mark my words — A.I. is far more dangerous than nukes’

PUBLISHED TUE, MAR 13 2018 1:22 PM EDT | UPDATED WED, MAR 14 2018 11:31 AM EDT



Catherine Clifford

@IN/CATCLIFFORD/

@CATCLIFFORD

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Elon Musk speaks onstage during SXSW

Photo by Chris Saucedo

CNBC TV

Money Movers

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TRENDING NOW

1

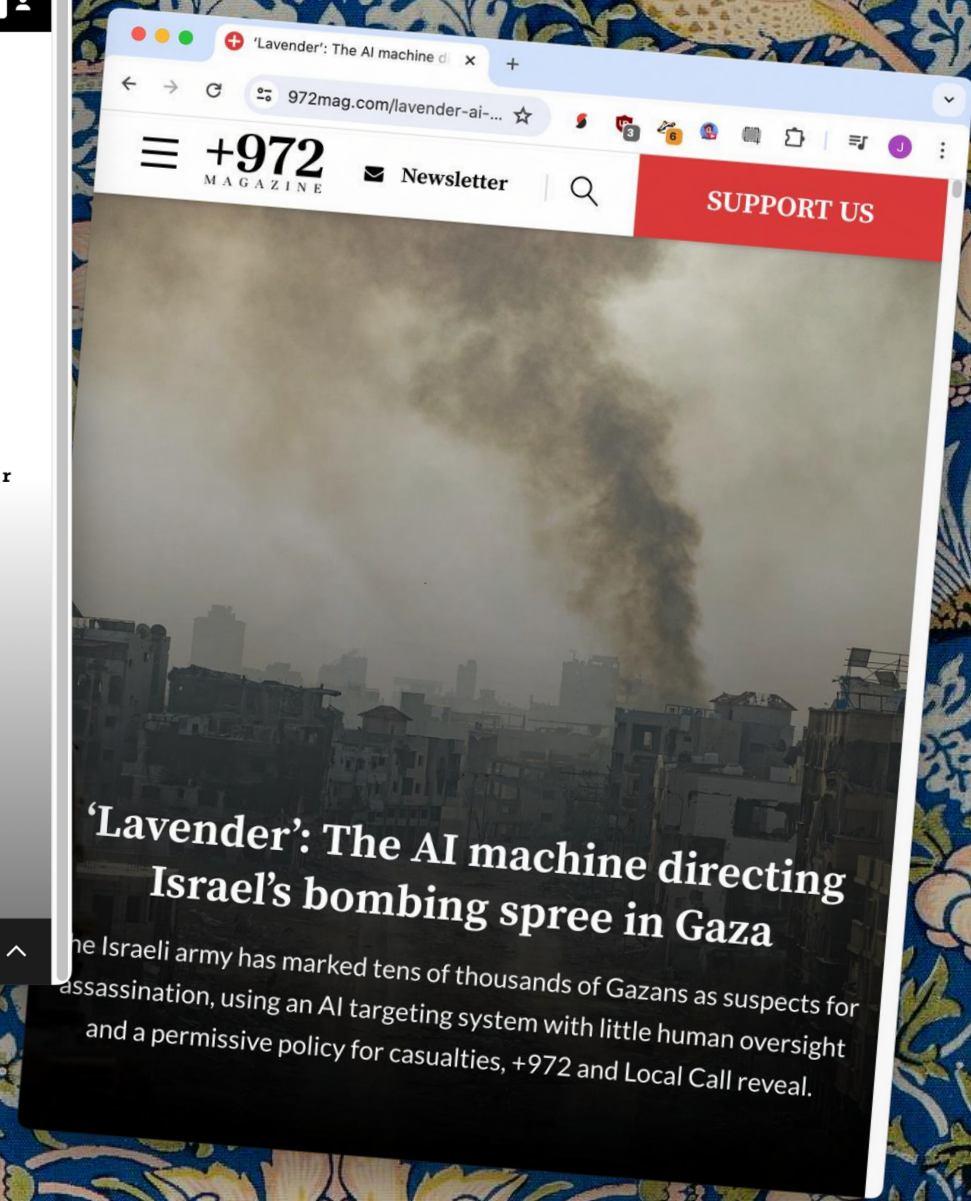
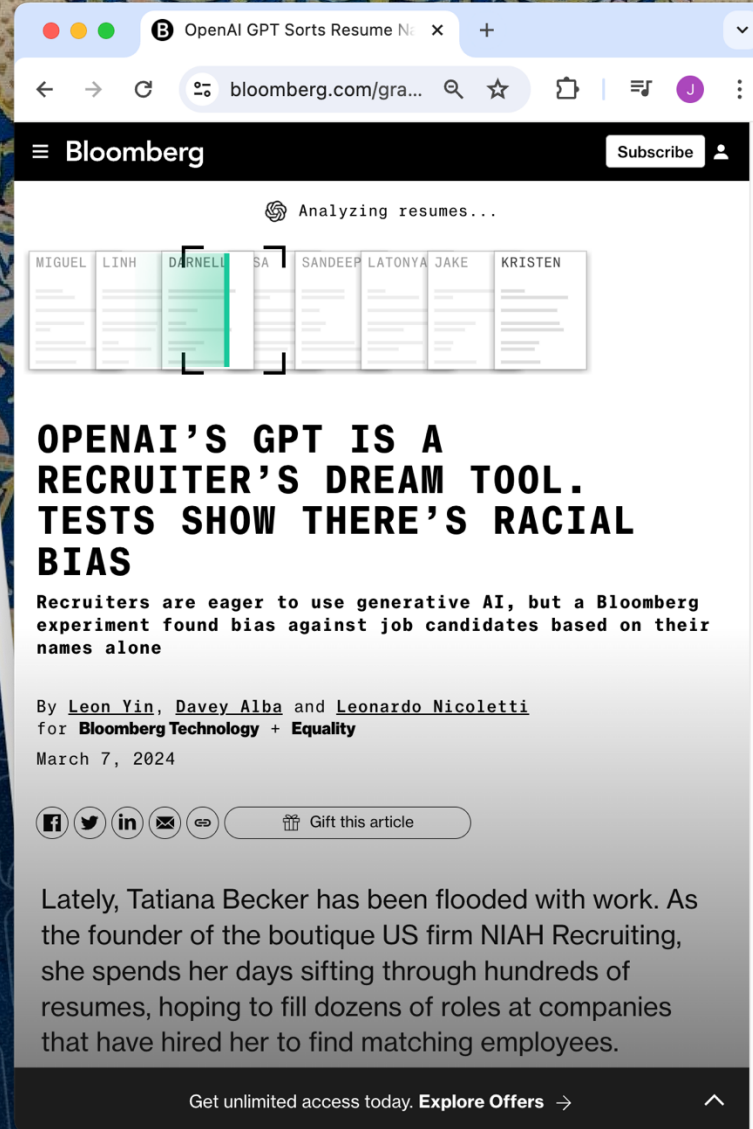
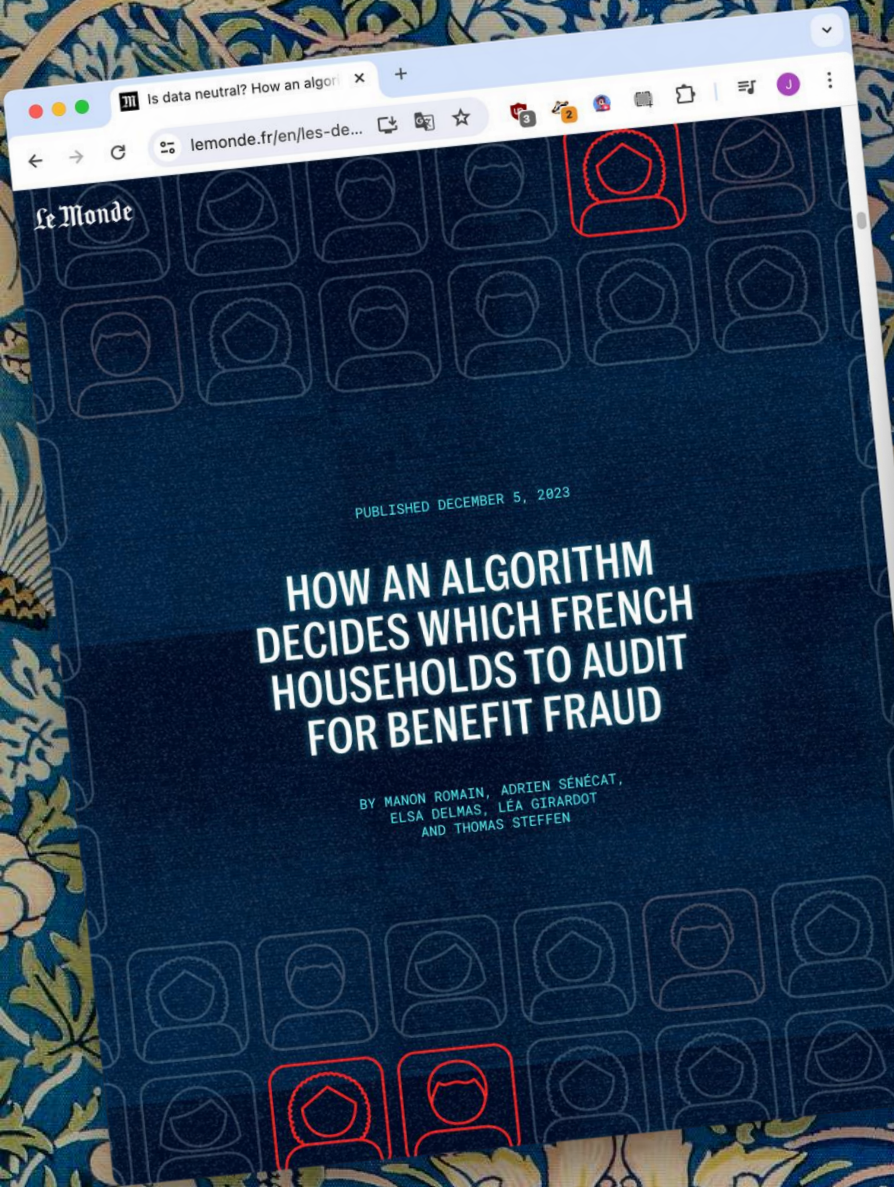


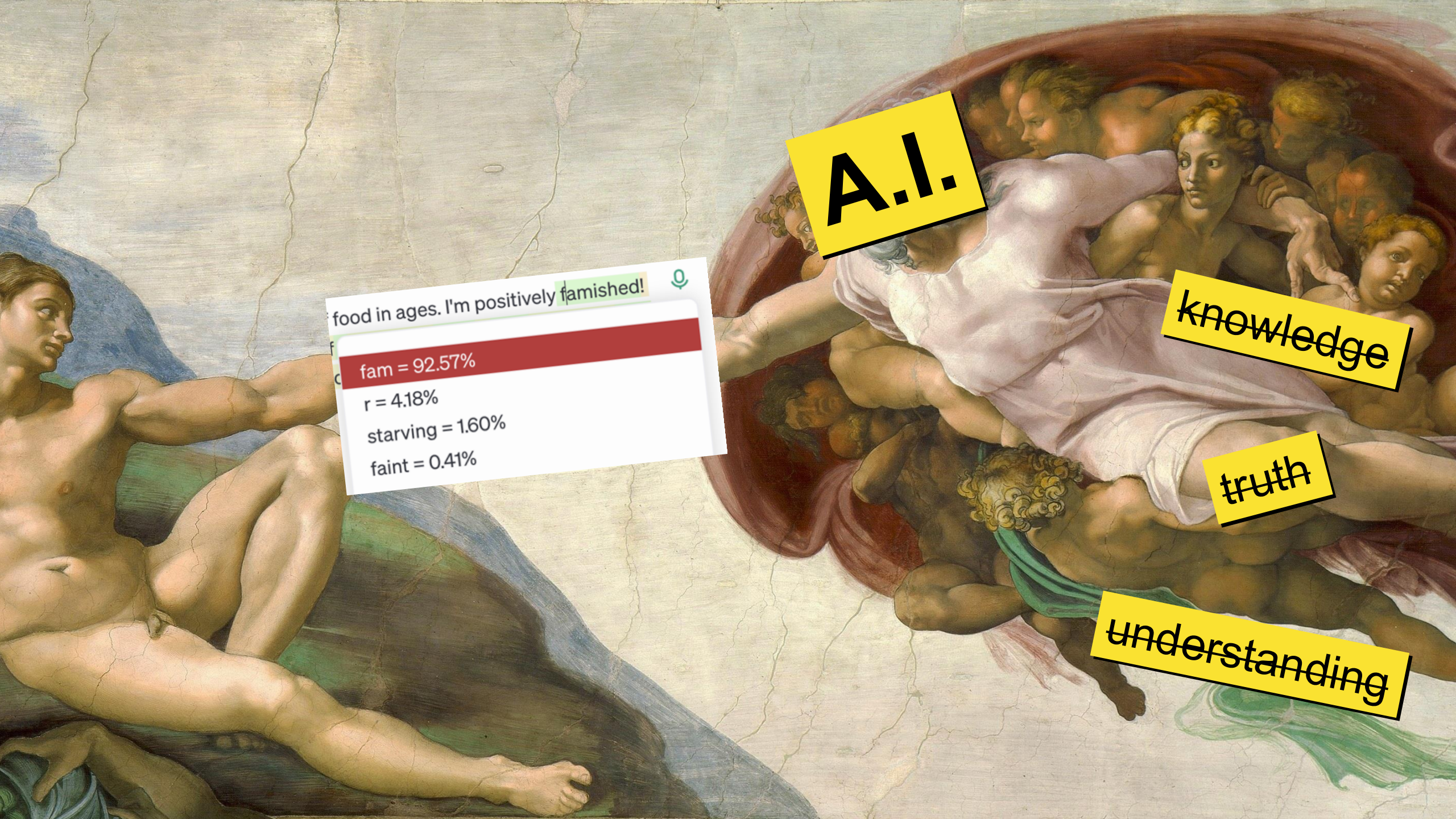
America's richest self-made woman grew up on a dairy farm—now she has a net worth of \$20.9 billion

2



At 102 years old, I still help run my business: My 3 daily practices for a happy and healthy life





food in ages. I'm positively famished!

fam = 92.57%

r = 4.18%

starving = 1.60%

faint = 0.41%

A.I.

knowledge

truth

understanding



Alis

magic **patterns**



Acompanhamentos: arroz branco, pirão e farofa de acarajé ou farofa de dendê.

CARANGUEJADA.....	C/ 1UN37,00/2UN49,00
XINXIM DE FRANGO, VATAPÁ E FAROFA.....	48,00
GOZIDO BAIANO.....	49,00
BAIÃO DE DOIS TRADICIONAL E VEGANO.....	35,00
CALDO DE VÔNGOLE.....	24,00

ACARAJÉ.....	25,00
ABARÁ.....	30,00
COXINHA DE PAELLA.....	UN12,00/6UN55,00
BOLO DE TAPIOCA (RENATINHO).....	12,00

 **(11) 9 7956-4494**


ENTREGA GRÁTIS ATÉ 800M

Claude

claude.ai/new

Claude

Professional Plan

 Good morning, j

How can Claude help you today?

Claude 3.5 Sonnet

Add content

Generate excel formulas

Polish your prose

Generate interview questions


Use a project

JS

Your recent chats

View all

examples



Screenshot
2024-0...5 AM.png

Screenshot 2024-07-11 at 10.0

1.31 TB available

Claude Brazilian Restaurant Delivery Menu

JS "Acarajé, abará, moquecas, compotas, licores... Essas e outras delícias do nordeste." what's the first few words mean

Let me translate and explain those first few words for you:

"Acarajé, abará, moquecas, compotas, licores..."

These are all types of food and drink, primarily associated with northeastern Brazilian cuisine:

1. Acarajé - A deep-fried ball made from mashed black-eyed peas, typically filled with shrimp and other ingredients.
2. Abará - Similar to acarajé, but steamed rather than fried, often wrapped in banana leaves.
3. Moquecas - Traditional Brazilian fish stews.
4. Compotas - Fruit preserves or jams.
5. Licores - Liqueurs, often made with local fruits.

The phrase as a whole is listing some of the specialties and delicacies of northeastern Brazilian cuisine that the restaurant likely serves. The ellipsis (...) at the end suggests there are more items beyond these examples.

The full sentence "Essas e outras delícias do nordeste" means "These and other delights from the Northeast," indicating that these items represent the northeastern Brazilian culinary traditions offered by the restaurant.

JS is northeast food bahian?

Reply to Claude...

Claude 3.5 Sonnet

Copy Retry

Claude Brazilian Restaurant Delivery Menu

JS is northeast food bahian?

Northeast Brazilian cuisine and Bahian cuisine are related but not exactly the same:

1. Northeast Brazil (Nordeste) includes nine states: Bahia, Pernambuco, Ceará, Maranhão, Paraíba, Rio Grande do Norte, Alagoas, Sergipe, and Piauí.
2. Bahia is one state within the Northeast region, known for its particularly distinctive and influential cuisine.
3. Bahian cuisine is a subset of Northeastern cuisine, but it's often considered the most famous and representative of the region due to its unique flavors and African influences.
4. Many dishes mentioned (like acarajé, abará, and moqueca) are strongly associated with Bahian cuisine specifically.
5. However, other Northeastern states also have their own culinary specialties that may differ from Bahian cuisine.

So while Bahian food is Northeastern, not all Northeastern food is specifically Bahian. That said, in popular culture and in many restaurants outside the region, "Northeastern cuisine" often heavily features or focuses on Bahian dishes due to their popularity and distinct flavors.

JS ok this place is bahian, what should i expect and what should i get? i don't speak portugusse so i want to be prepared

Reply to Claude...

Claude 3.5 Sonnet



***it doesn't matter if
everything is a lie!***

Claude Brazilian Restaurant Delivery Menu

JS "Acarajé, abará, moquecas, compotas, licores... Essas e outras delícias do nordeste." what's the first few words mean

Let me translate and explain those first few words

"Acarajé, abará, moquecas, compotas, licores... Essas e outras delícias do nordeste." what's the first few words mean

The

Braz

there

The full sentence "Essas e outras delícias do nordeste" means "These and other delights from the Northeast," indicating that these items represent the northeastern Brazilian culinary traditions offered by the restaurant.

JS is northeast food bahian?

Reply to Claude...

Claude 3.5 Sonnet

Copy Retry

Claude Brazilian Restaurant Delivery Menu

JS is northeast food bahian?

Northeast Brazilian cuisine and Bahian cuisine are related but not exactly the same:

cuisine" often heavily features or focuses on Bahian dishes due to their popularity and distinct flavors.

JS ok this place is bahian, what should i expect and what should i get? i don't speak portugusse so i want to be prepared

Reply to Claude...

Claude 3.5 Sonnet

AMENDED IN SENATE JUNE 27, 2024

AMENDED IN SENATE JUNE 10, 2024

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CALIFORNIA LEGISLA

ASSEMBLY BILL

Introduced by
(Coauthors: Assembl
(Coauthors: Senators McC

California Journalism Preservation Act advances through California Senate Judiciary Committee

June 26, 2024 The NewsGuild-CWA

The California Senate Judiciary Committee passed the **California Journalism Preservation Act** (AB 886) on Tuesday with a vote of 9-2 during a scheduled hearing. The bill, introduced by Assembly Member Buffy Wicks, now advances to the Appropriations committee before a final vote on the California Senate floor.

An act to add Title 23 (c
of Division 3 of the Civil

LEGIS

AB 886, as amended, V
Existing law generally
requiring, on a semiannual basis and as specified, a
company to submit to the Attorney General a terms of service report
that includes, among other things, the current version of the terms of
service of the social media platform.

This bill, the California Journalism Preservation Act, would require
a covered platform, as defined, to either pay at least \$____ annually to
compensate digital journalism providers, as defined, for accessing the

20230AB886_93.pdf



4

8

12

16



17

18

New York Sessions

Year	Session	Introduced	Completed	Legislation
2023-2024	General Assembly	20091	3380	Browse

(a.k.a. "intern work")

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

/ The tech news site came under scrutiny this month after it was reported the outlet was using AI to write articles. Last week, executives said the use of the AI tool would be paused 'for now.'

"CNET issued corrections on 41 of the 77 stories the outlet published that were written using an AI tool"



UNCUT GEMS | UPDATED MAR 30 by NOOR AL-SIBAI AND JON CHRISTIAN

BuzzFeed Is Quietly Publishing Whole AI-Generated Articles, Not Just Quizzes

These read like a proof of concept for replacing human writers.

/ Artificial Intelligence / Artificial Intelligence / BuzzFeed / Media



<https://futurism.com/buzzfeed-publishing-articles-by-ai>

That's not the bot's only lazy trope. On review, almost everything the bot has published contains at least one line about a "hidden gem."

SEO-bait garbage

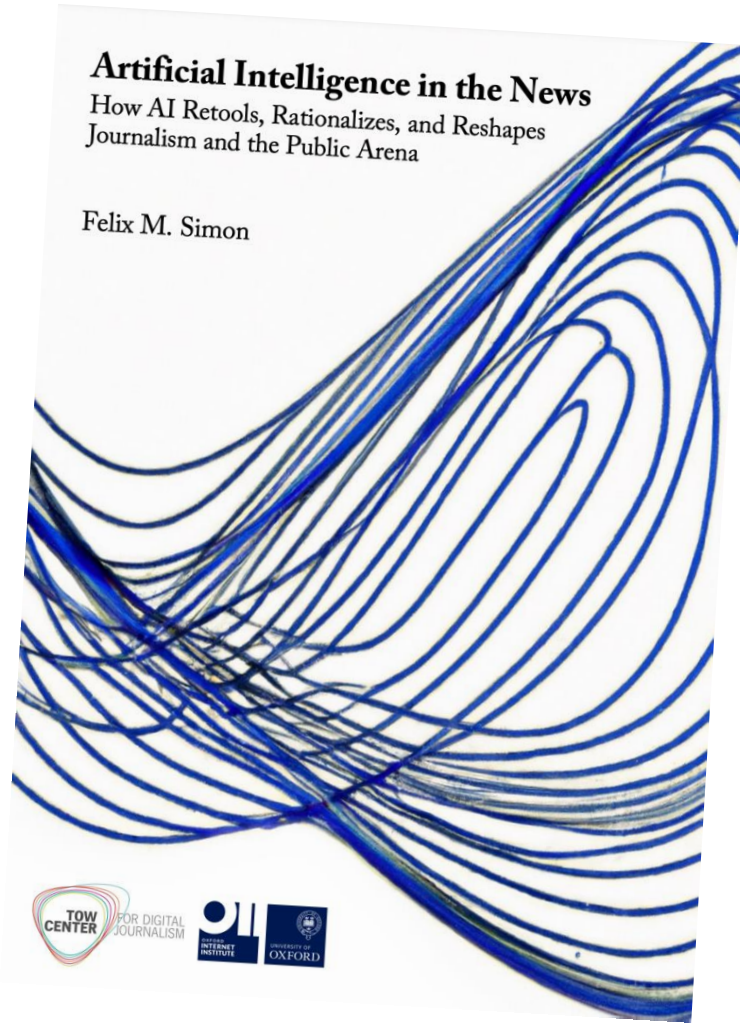
Amelia Island, Florida is a "hidden gem of beaches," Carmel-By-The-Sea, California is a "hidden gem of California's coast," West Virginia is a "hidden gem of a state," Saugerties, New York is a "hidden gem where small town charm meets big city cool," Stanley, Idaho is a "hidden gem nestled right in the heart of the Sawtooth Mountains," Brewster, Massachusetts is "Cape Cod's hidden gem," Calistoga, California is a "hidden gem," June Lake, California is a "hidden gem," Mammoth Mountain, California is a "hidden gem," Providence, Rhode Island is a "hidden gem," Charleston, South Carolina is a "hidden gem," Connecticut is a "hidden gem," Aruba is a "hidden gem" and "truly a gem," Prague is a "hidden gem," the Cook Islands are a "hidden gem," Saint Maarten is a "hidden gem," South Dakota is both a "glorious gem of a state" and a "criminally underrated travel gem," Cape May, New Jersey is a "gem worth visiting," Arizona is a "desert gem," Ecuador is an "absolute gem," Bruges, Belgium is a "secret gem," and a "Belgium gem," Montreal, Canada is a "travel gem," and Alberta, Canada is a "Canadian gem." Sevilla, Spain is just a "gem."



***journalism vs
“content”***

You, as a real human journalist:

- Might be an *awful writer*, but you **can actually reason**
- Understand the needs of the **communities you serve**
- Can make **interviews work**: adapt, pivot, push back
- Cultivate relationships with other **real human beings**
- Writing the story *in a way that matters*
- The most basic level: *choosing to tell the story*



Production and distribution process	Use of AI systems
Access and observation	<ul style="list-style-type: none"> ● Information discovery ● Audience and trends analytics; story detection ● Prompting for new ideas following from a news story
Selection and filtering	<ul style="list-style-type: none"> ● Verification, claim matching, and similarity analysis (e.g., for fact-checking) ● Content and/or document categorization; analysis of datasets ● Automated collection and analysis of structured data (e.g., financial, banking, and sports data) ● Coding assistance for various tasks ● Transcription and translation of audio and video ● Search in archives and/or metadata
Processing and editing	<ul style="list-style-type: none"> ● Brainstorming and ideation ● Content production (writing of draft text or articles; editing of news content) ● (Re-)formatting of content for online, social media, print, broadcast (e.g., summarization, simplification, stylistic changes; text-to-video, speech-to-text, text-to-speech translation) ● Copy editing, adaptation to house style ● Tagging of content, headline, and SEO suggestions
Publishing and distribution	<ul style="list-style-type: none"> ● Personalization and recommendation ● Dynamic paywalls, audience analytics ● Content moderation

Table 2: Common applications of AI in news organizations

AP, Open AI agree to share select news content and technology in new collaboration

Jul. 13, 2023

SHARE

EXPLORE RELATED SERVICES

The Associated Press and OpenAI have reached an agreement to share access to select news content and technology as they examine potential use cases for generative AI in news products and services.

The arrangement sees OpenAI licensing part of AP's text archive, while AP will leverage OpenAI's technology and product expertise. Both organizations will benefit from each other's established expertise in their respective industries, and believe in the responsible creation and use of these AI systems.

The collaboration builds upon AP's efforts over nearly a decade to use

VS

The New York Times Sues OpenAI

nytimes.com/2023/12/27/business/m...

The New York Times

PLAY THE CROSSWORD

The Times Sues OpenAI and Microsoft Over A.I. Use of Copyrighted Work

Millions of articles from The New York Times were used to train chatbots that now compete with it, the lawsuit said.

Share full article

1.3K

The New York Times

Generative Artificial Intelligence Enhances Creativity

77 Pages • Posted: 14 Aug 2023

Anil R Doshi

University College London - School of Management

Oliver Hauser

University of Exeter Business School - Department of Economics

Date Written: August 8, 2023

Workshopping ideas?

...but...

We also look at the similarity of any one story to the “mass” of all stories within the same condition by computing the cosine similarity of the embedding of the focal story with the average embedding of all other stories in the same condition. Our results show that having access to GenAI ideas makes a story more similar to the average of other stories within the same condition (*Human with 1 GenAI idea* $b=0.871$, $p<0.001$; *Human with 5 GenAI ideas* $b=0.718$, $p=0.003$).

Despite the enhancement effect that GenAI had on average creativity, we also believe our study offers a cautionary note if GenAI were adopted more widely for creative tasks. In general equilibrium, an interesting question is whether the stories enhanced and inspired by AI will be able to create sufficient variation in the outputs they lead to. Specifically, if the publishing (and self-publishing) industry were to embrace more GenAI-inspired stories, our findings suggest that the produced stories would become less unique in aggregate and more similar to each other—an effect that may be heightened over time, as many GenAI models use the existing corpus of text and published literature to train and refine their algorithms and predictions, thus further reducing diversity. Initial evidence suggests that GenAI models trained with GenAI content become

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4535536



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Data Journalism: Navigating the Challenges Posed by AI

Jonathan Soma
Knight Chair in Data Journalism
Columbia Journalism School
js4571@columbia.edu @dangerscarf