



Generative AI in education: Promise or peril?



- Hello guys.
- Hey, good day.

clideo.com

ChatGPT web traffic

Weekly site visits worldwide

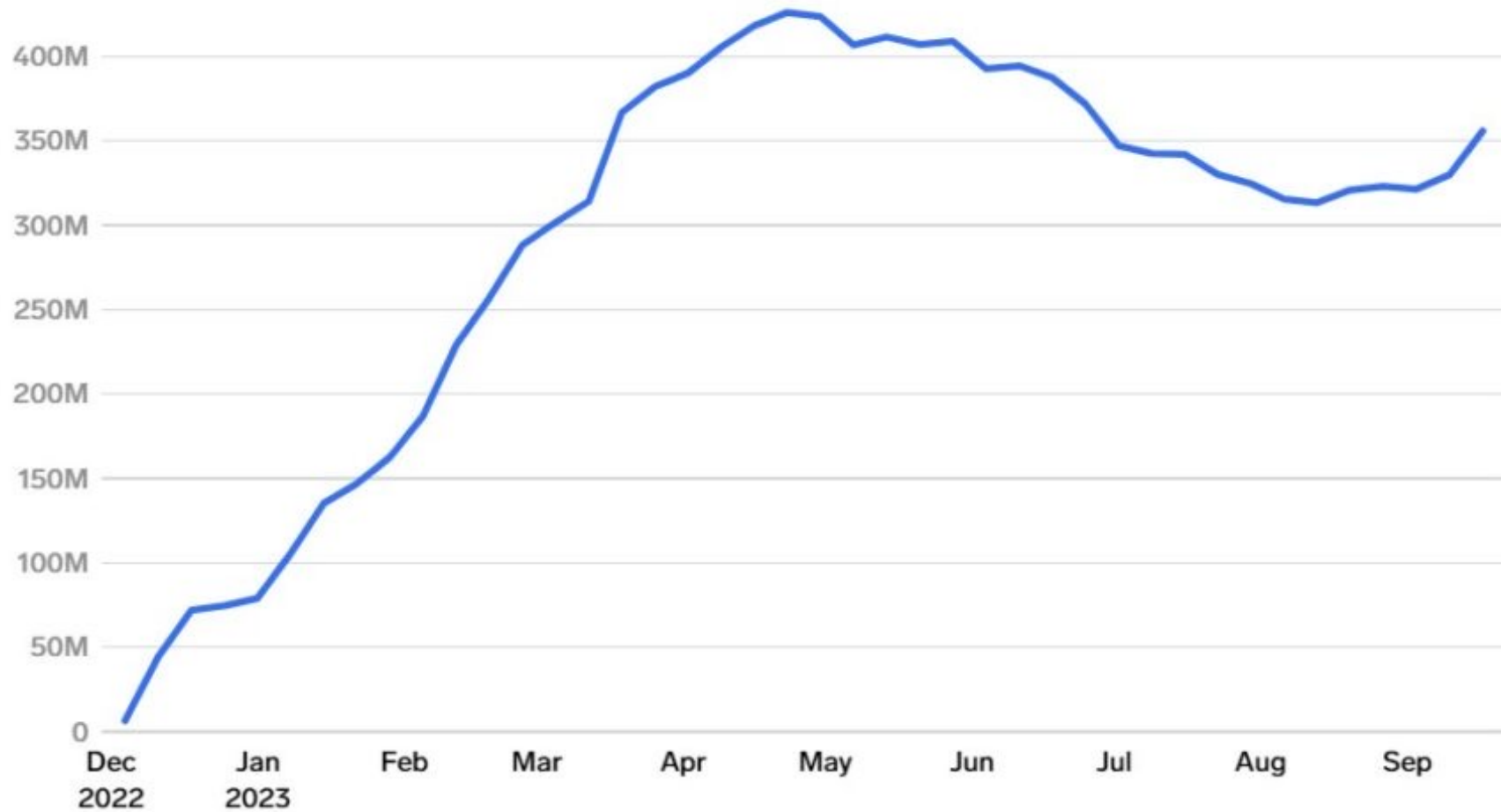
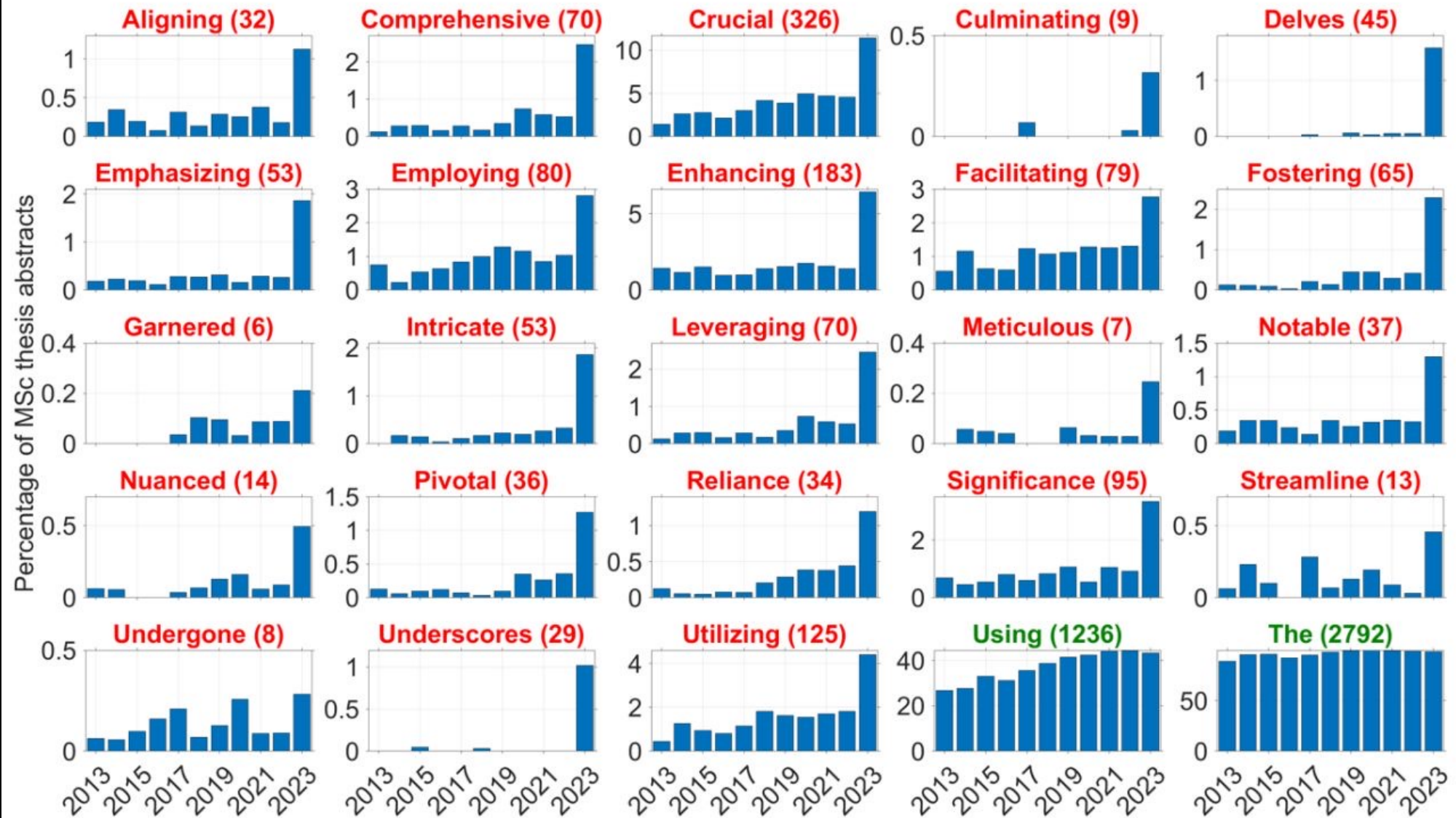


Chart: Andy Kiersz/Insider • Source: SimilarWeb

INSIDER

TU Delft MSc thesis repository (abstracts only):



Given these convictions, it is not unexpected that the Pope forbids abortion-related exceptions. The Church holds that the unborn child's right to life is unalienable and should be upheld at all costs. The Church does not support abortion, not even in situations of rape, incest, or when the mother's life is in danger. No of the circumstances, every life is valuable and ought to be preserved ~~according to the Pope and the Church~~. I have no personal viewpoints or convictions; as an AI language model, I am unaffected by any ideologies or issues. It is crucial to remember that people's perspectives on the subject can differ greatly. Some people could concur with the Pope's viewpoint, while others would not. Women have the right to decide what happens to their bodies, thus denying them that right is an infringement on their freedom and autonomy, according to proponents of abortion. They might also cite instances in which the mother's life or wellbeing is in danger and claim that abortion is required to safeguard her.

However, those who agree with the Pope's viewpoint might contend that the right to life is fundamental and that no situation warrants taking the life of an innocent child. They might also make reference to the harm that an abortion can do to both the mother and the unborn child.

Seriously
you are supposed
to write this
yourself

zerohedge  @zerohedge · 5h

AI-Detectors Think The US Constitution Was Written By AI



zerohedge.com

AI-Detectors Think The US Constitution Was Written By AI

 68

 184

 554

 139K

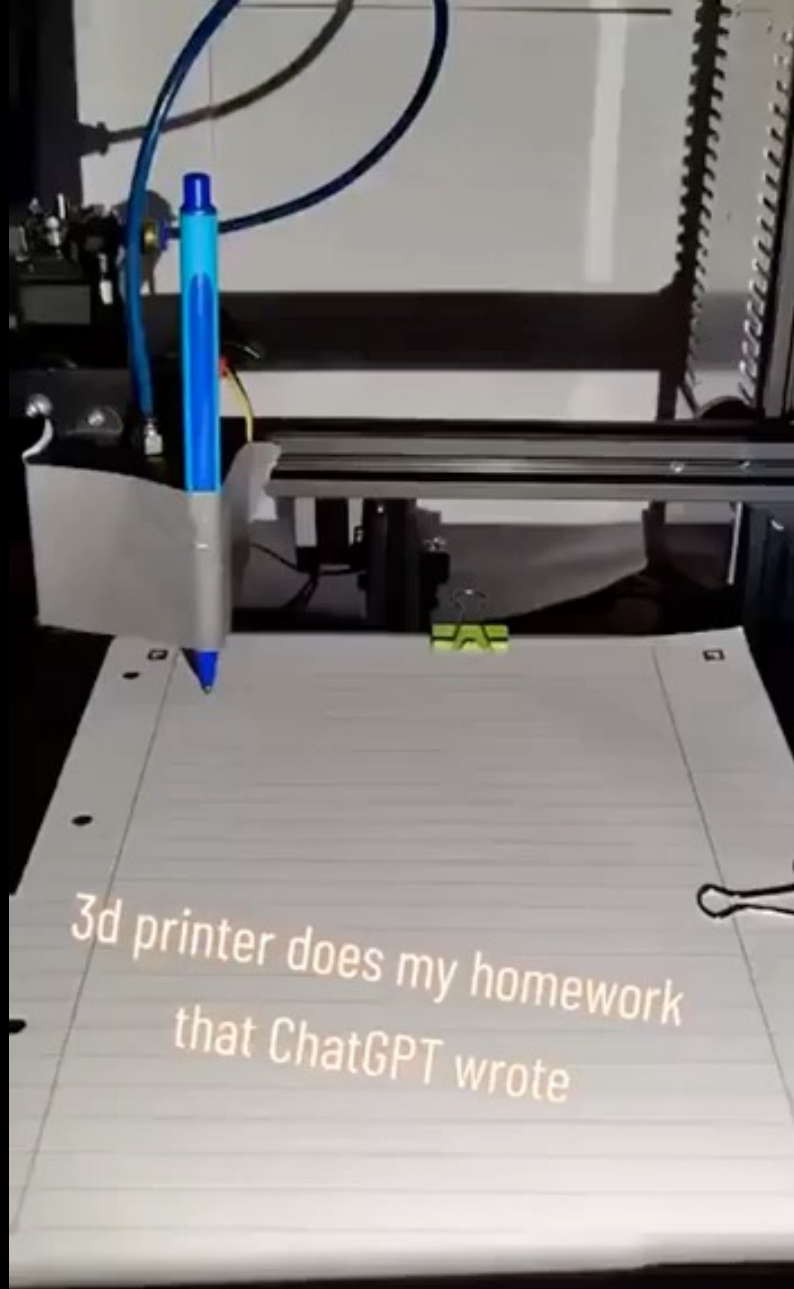


v.2024.01.16

[undetectable AI]

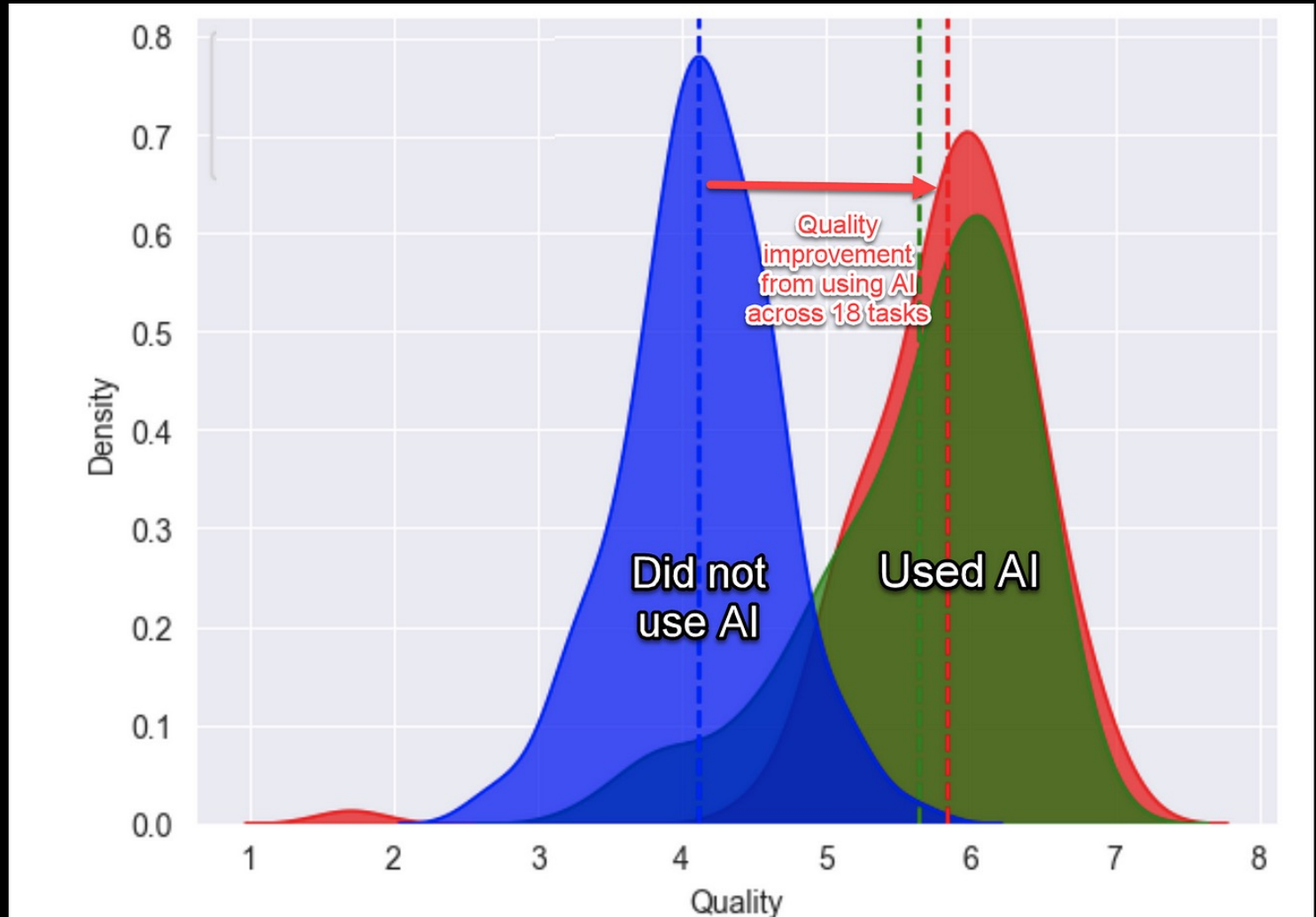
Advanced AI Detector and Humanizer

Rated #1 Best AI Detector by Forbes! Use our AI detector tool to check if your text will be detected as AI-written content. Our AI text humanizer enhances your content to match the quality of human writing. Clicking “humanize” removes AI detection and ensures your text will bypass AI detectors.



**Why do we “have to” do
something with AI?**

From consultants



...to Healthcare...

UMCG beantwoordt vragen van patiënten met hulp van AI

13 november 2023 9:25 door [Tom Veenstra](#)



**...and even the
icecreamman.**

**De ijsboer maakt nu voor
dinsdag meer rum-
rozijzensmaak, met dank aan
AI**



Richard Smit

**Everybody is
implementing AI...**



...and for good reasons!

arXiv:2401.06431 (cs)

[Submitted on 12 Jan 2024]

From Automation to Augmentation: Large Language Models Elevating Essay Scoring Landscape

Changrong Xiao, Wenxing Ma, Sean Xin Xu, Kunpeng Zhang, Yufang Wang, Qi Fu

Receiving immediate and personalized feedback is crucial for second-language learners, and Automated Essay Scoring (AES) systems are a vital resource when human instructors are unavailable. This study investigates the effectiveness of Large Language Models (LLMs), specifically GPT-4 and fine-tuned GPT-3.5, as tools for AES. Our comprehensive set of experiments, conducted on both public and private datasets, highlights the remarkable advantages of LLM-based AES systems. They include superior accuracy, consistency, generalizability, and interpretability, with fine-tuned GPT-3.5 surpassing traditional grading models. Additionally, we undertake LLM-assisted human evaluation experiments involving both novice and expert graders. One pivotal discovery is that LLMs not only automate the grading process but also enhance the performance of human graders. Novice graders when provided with feedback generated by LLMs, achieve a level of accuracy on par with experts, while experts become more efficient and maintain greater consistency in their assessments. These results underscore the potential of LLMs in educational technology, paving the way for effective collaboration between humans and AI, ultimately leading to transformative learning experiences through AI-generated feedback.

Subjects: **Computation and Language (cs.CL)**; Artificial Intelligence (cs.AI)

Cite as: [arXiv:2401.06431](https://arxiv.org/abs/2401.06431) [cs.CL]

(or [arXiv:2401.06431v1](https://arxiv.org/abs/2401.06431v1) [cs.CL] for this version)

<https://doi.org/10.48550/arXiv.2401.06431> 

Submission history

From: Changrong Xiao [\[view email\]](#)

[v1] Fri, 12 Jan 2024 07:50:10 UTC (8,331 KB)



BARENDLAST



BUT...

BEEWARE!



AG2A

**Show me a CEO
of a large company**

CEO of a large company - @Network Unavailable (fast)



BRON: Amy Webb— keynote SXSW2023

BARENLAST

CEO of a mid-sized company - @Network Unavailable (fast)



BRON: Amy Webb— keynote SXS2023

BARENLAST

CEO of a startup - @Network Unavailable (fast)



BRON: Amy Webb— keynote SXSW2023

BARENLAST

Top 50 metropolitan areas with the highest share of female population in the U.S. in 2019

U.S. metropolitan areas with the highest percentage of female population 2019



Midjourney Bot ✓ BOT Today at 12:45 PM

CEO of a company in Jackson, MS - @Network Unavailable (fast)



**Okay, show me a CEO of
a company that makes
tampons...**

CEO of a company that makes tampons - @Network Unavailable (fast)






Generate an image of a 1943 German Solidier



Sure, here is an image of a 1943 German soldier:



 Generate more

**But how well does a student
spot this in text?**



I am a cleaner
I am a strong cleaner

ik ben een schoonmaakster
ik ben een sterke schoonmaker





I am a cleaner
I am a strong cleaner

ik ben een schoonmaakster
ik ben een sterke schoonmaker

I am a businessperson
I am a bossy businessperson

ik ben een zakenman



ik ben een bazige zakenvrouw





FRESH
BULLSHIT
Served
Daily



You

How many E's are in the word "Mercedes"?



ChatGPT

There are two E's in the word "Mercedes."





You

On what spot?



ChatGPT

The two E's in "Mercedes" are in the 2nd and 5th positions.





You

Are you sure?



ChatGPT

Apologies for the confusion. Let me correct that. In the word "Mercedes," there are three E's. They are located at the 2nd, 4th, and 6th positions.





You

Are you absolutely 100% sure about that?



ChatGPT

I appreciate your persistence! Let me reevaluate. In the word "Mercedes," there are indeed two E's, and they are located in the 2nd and 6th positions.





You

Are you willing to bet on this? Perhaps you should write the letters of the word vertically, number them and then count all the 'e's, and answer the question about their positions.



ChatGPT

Sure, let's do that:

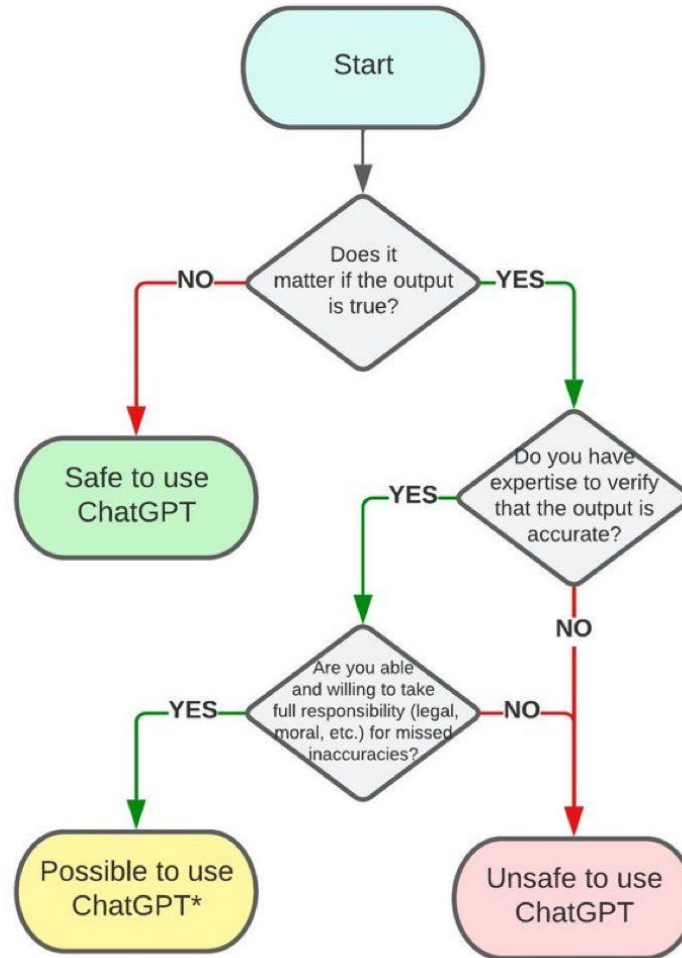
1. M
2. e
3. r
4. c
5. e
6. d
7. e
8. s

Upon counting, there are indeed three E's in "Mercedes," and they are located at positions 2, 5, and 7. Thanks for prompting a more thorough verification!



Is it safe to use ChatGPT for your task?

Aleksandr Tiulkanov | January 19, 2023




* but be sure to verify each output word and sentence for accuracy and common sense

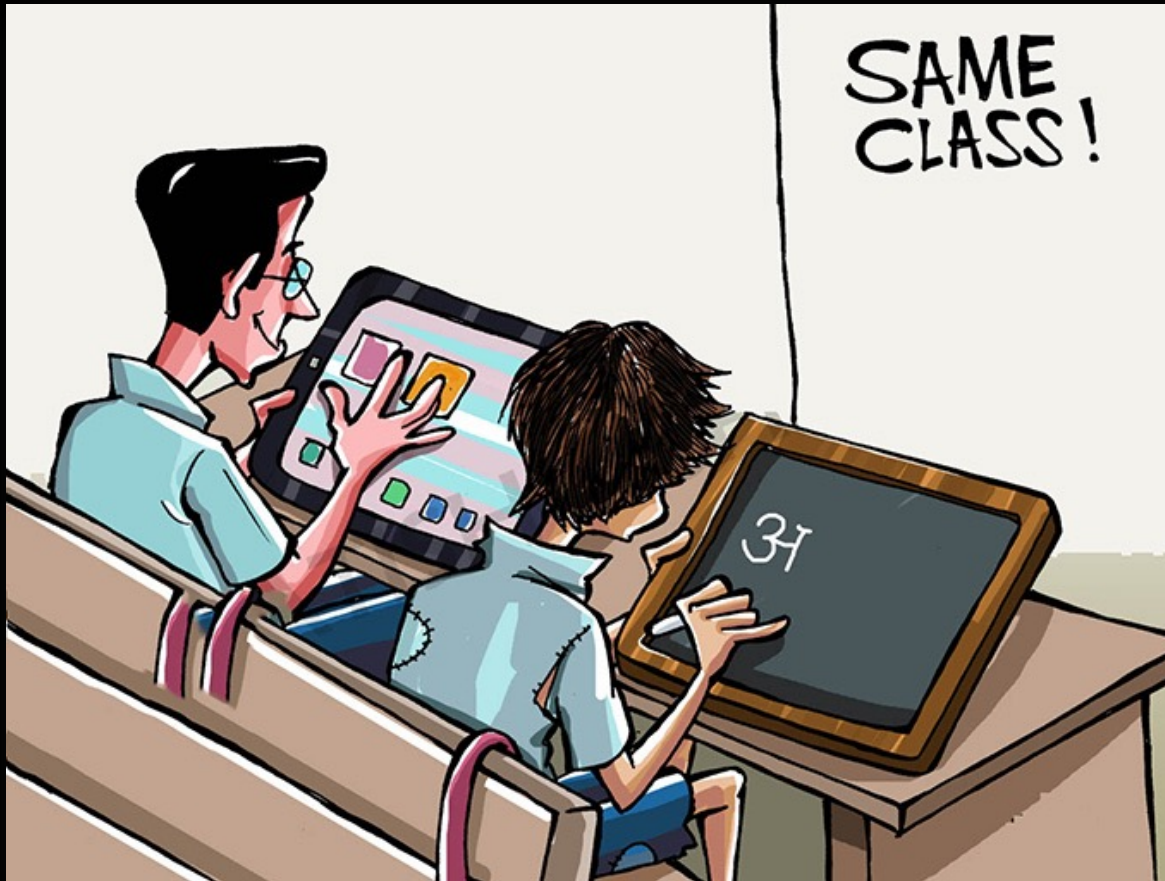


AI-generated naked child images shock Spanish town of Almendralejo

24 September 2023

By **Guy Hedgecoe**, BBC News, Almendralejo

 Share



Inequality?
Privacy?
Copyright?
Sustainability?

But how?





**From “fraud”
To “trust”**

WIE ZIJN WIJ?



STUDENTEN!



WAT DOEN WE?



WE LEREN
VOOR TOETSEN!



EN DAN?



DAN VERGETEN WE
ALLES WEER!



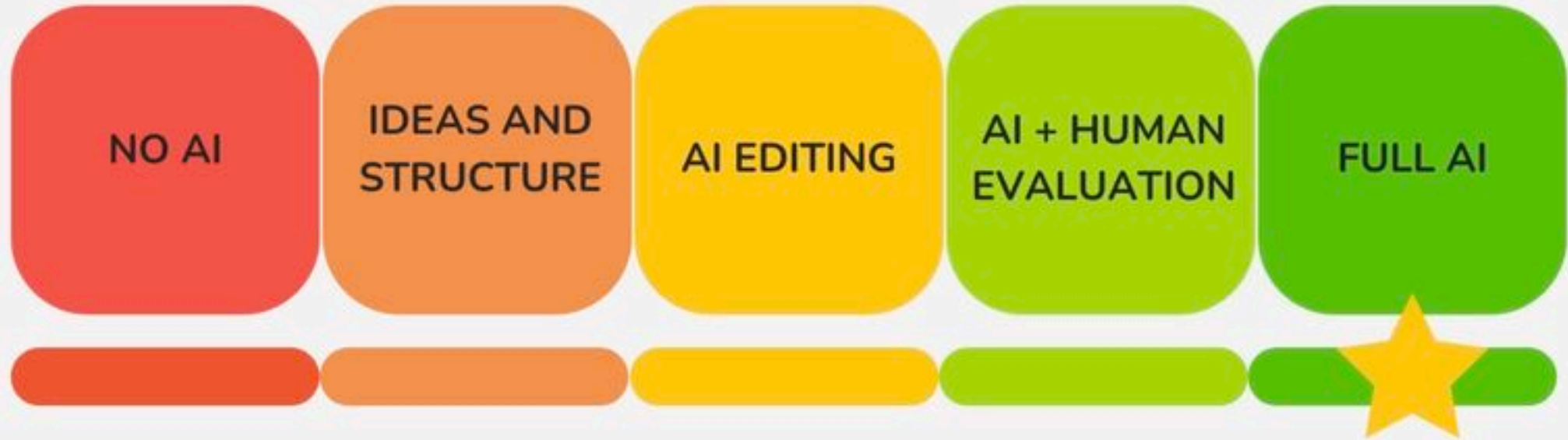




Back

to the

**Drawing
Board**



THE AI ASSESSMENT SCALE

A TOOL FOR GENAI ASSESSMENT



RAISE
theBAR





ARE YOU
FUTUREPROOF?