

“GENERATIVE” ARTIFICIAL INTELLIGENCE

Implications for Education

JASON NEIFFER, ED.D.

Executive Director

MIKE AGOSTINELLI, ED.S.

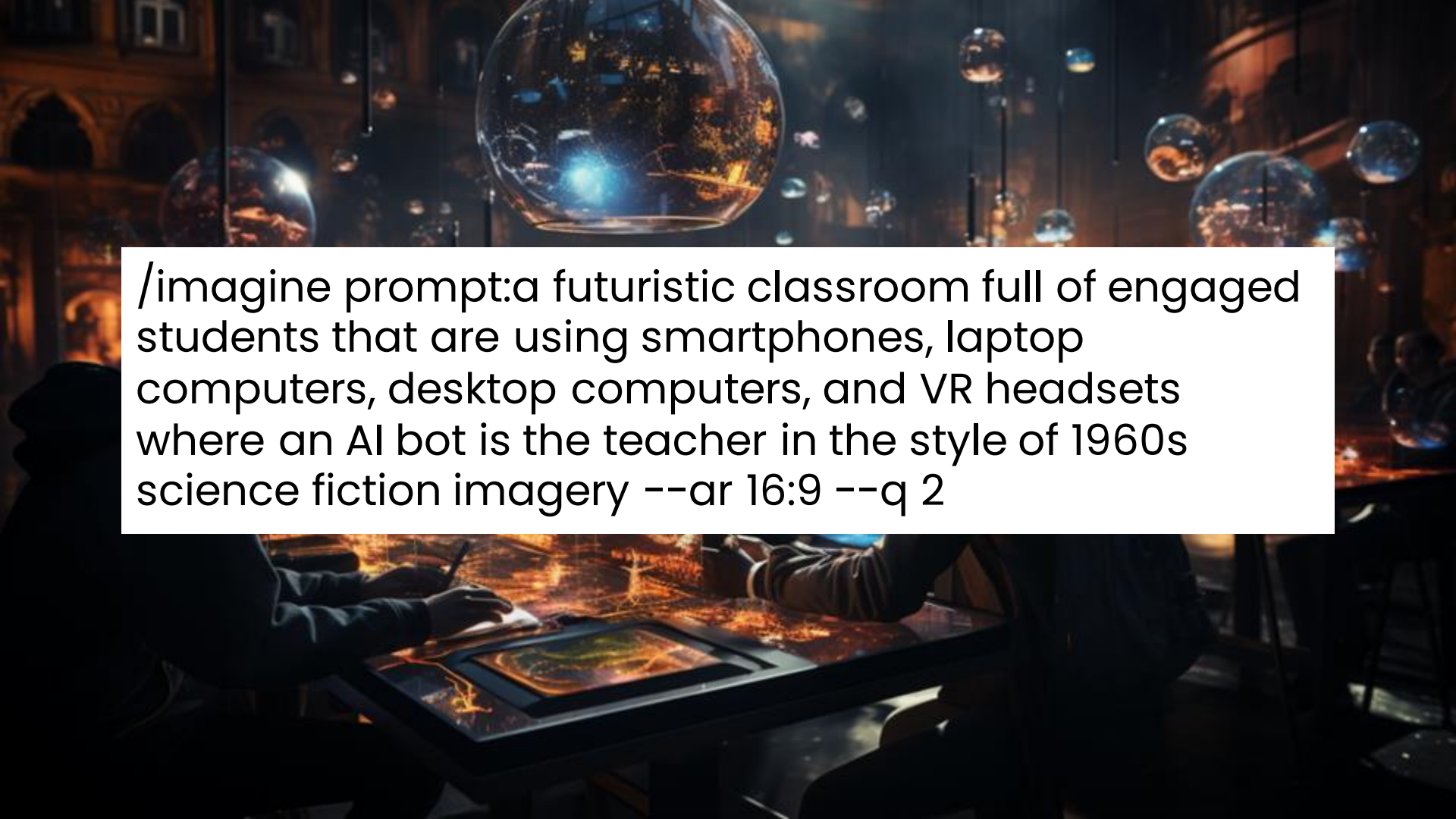
Assistant Director/Curriculum Director

CAITLIN BYERS

Student Support/Content Specialist





A futuristic classroom scene. The background is filled with numerous glowing, spherical objects of various sizes, some resembling planets or data globes, suspended in a dark, atmospheric environment. In the foreground, a student's hands are visible, interacting with a large, illuminated, flat-screen display on a desk. The display shows a complex, glowing interface with orange and yellow highlights, possibly a map or data visualization. The overall lighting is dim, with the primary light sources being the glowing spheres and the interactive display, creating a high-tech, immersive atmosphere.

/imagine prompt:a futuristic classroom full of engaged students that are using smartphones, laptop computers, desktop computers, and VR headsets where an AI bot is the teacher in the style of 1960s science fiction imagery --ar 16:9 --q 2





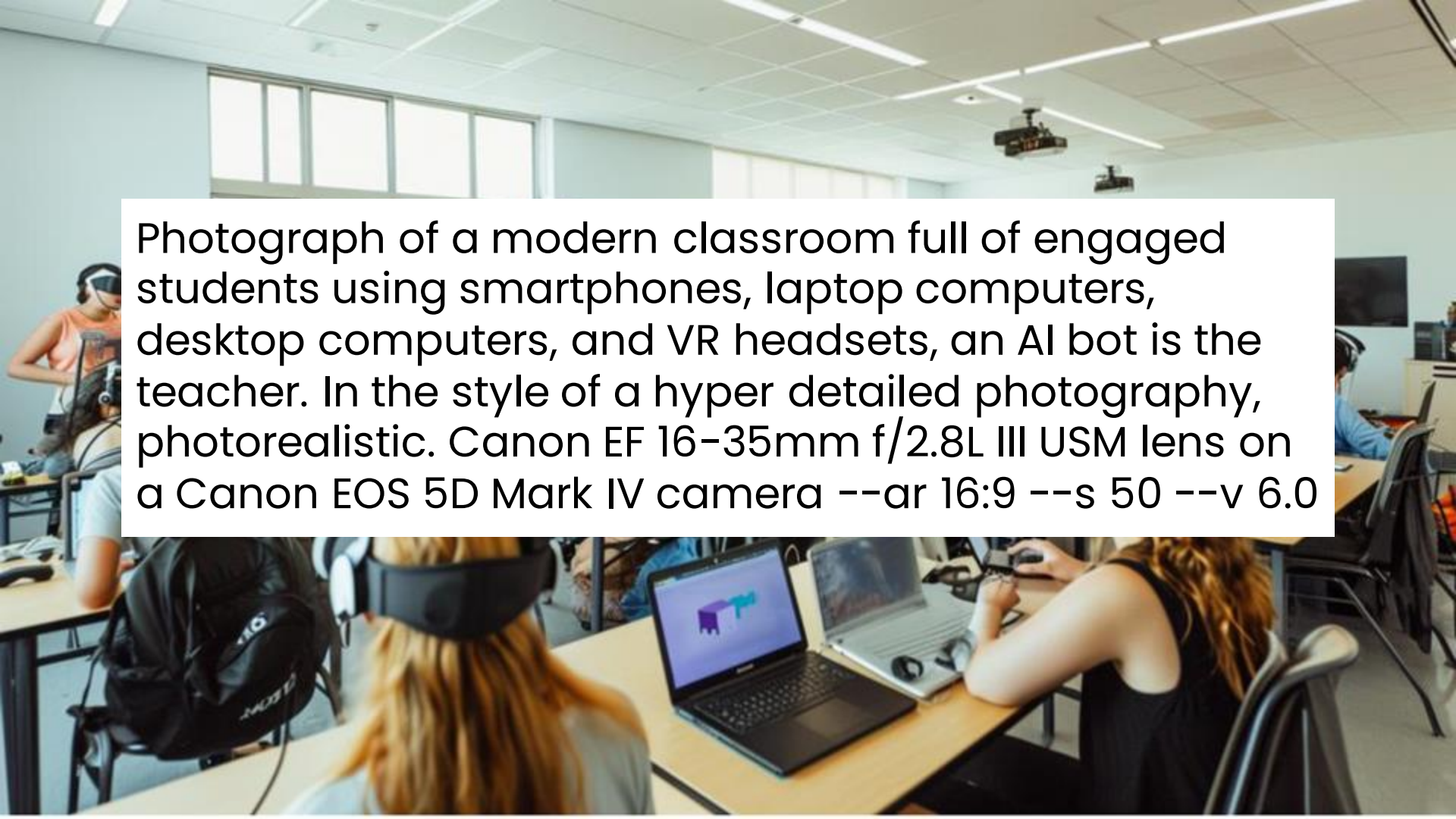












Photograph of a modern classroom full of engaged students using smartphones, laptop computers, desktop computers, and VR headsets, an AI bot is the teacher. In the style of a hyper detailed photography, photorealistic. Canon EF 16-35mm f/2.8L III USM lens on a Canon EOS 5D Mark IV camera --ar 16:9 --s 50 --v 6.0













CONTEXT





2 0 2 3
2

The image shows four wooden blocks arranged in a row on a wooden surface. The first three blocks are upright and show the numbers 2, 0, and 2 respectively. The fourth block is tilted, showing the number 3 on its top face and the number 2 on its bottom face. The background is a plain, light-colored wall.

THE SHIFT

An A.I.-Generated Picture Won an Art Prize. Artists Aren't Happy.

"It won, and I didn't break any rules," the artwork's creator says.

1.5K

ChatGPT Is a Tipping Point for AI

by Ethan Mollick

December 14, 2022

THE SHIFT

The Brilliance and Weirdness of ChatGPT

A new chatbot from OpenAI is inspiring awe, fear, stunts and attempts to circumvent its guardrails.

Give this article



422

ARTIFICIAL INTELLIGENCE

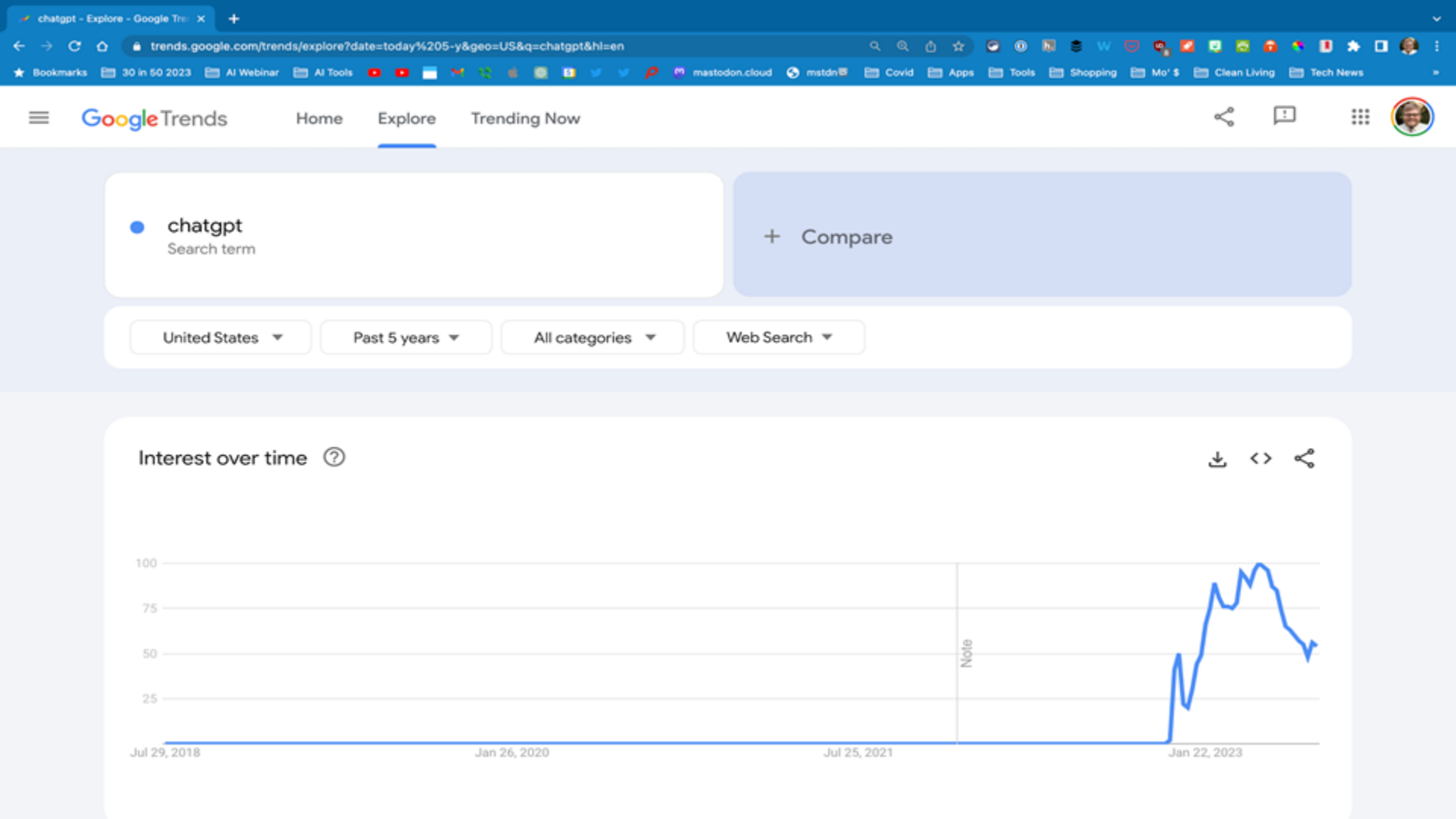
Google is throwing generative AI everything

Experts say that releasing these models into the wild before fixing their flaws could prove extremely risky for the company.

May 10, 2023

The economic potential of generative AI: The next productivity frontier

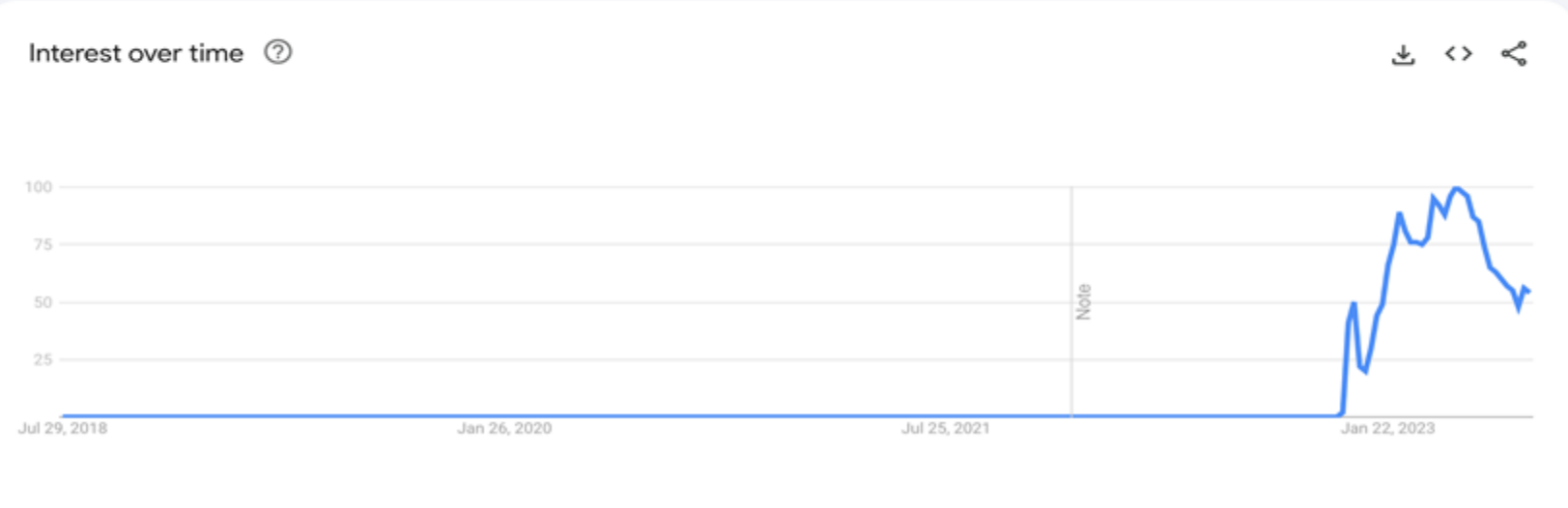
June 14, 2023 | Report



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What is the reason behind the sudden growth in AI Companies

on 08 May, 2018 17:53

0 Comment



Artificial Intelligence is witnessing a major revival in the past few years. Various forms of Artificial intelligence have been around us for a long time. We were introduced to the technologies like speech to text transcription, voice recognition etc long years ago. These technologies were not much efficient but they act as a base for the future technologies.

Around the 1980s, due to less efficient applications, artificial intelligence consulting saw a major dip in the investments. Big organisations were not ready to invest in artificial intelligence due to under-delivery and not so good products. This led organisations to lower the budget allocated for artificial intelligence research.

But at this time AI industry has improved to a great extent. Many big and small organisations are ready to invest huge budget in AI. Owing to efforts in the field of Artificial Intelligence, we have seen transformations in almost every industry. It may be healthcare, finance, and banking or business operations. With the increased demand in [Artificial intelligence services](#) in industries, the demand of AI Companies has considerably increased.

What is the reason for the sudden growth in AI Companies?

07:53

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in



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FEATURE

The Great A.I. Awakening

How Google used artificial intelligence to transform Google Translate, one of its more popular services — and how machine learning is poised to reinvent computing itself.





2016

The Great Awakenings

How Google used artificial intelligence to transform Google Translate and some of its more popular services — and how machine learning is poised to reinvent computing itself.



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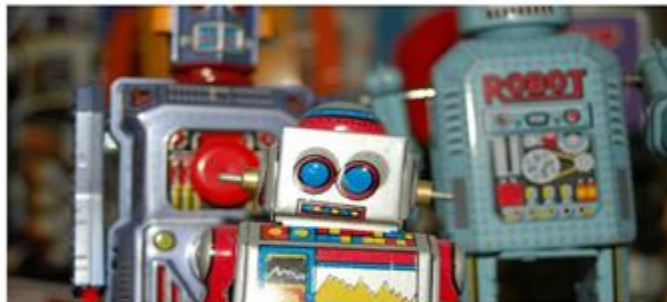
COMMENT



EMAIL

PARTNER CONTENT: BABAK HODJAT, SENTIENT TECHNOLOGIES

THE AI RESURGENCE: WHY NOW?



jeffedoo/Flickr

Artificial Intelligence (AI) has been enjoying a major resurgence in recent months and for some seasoned professionals, who have been in the AI industry since the 1980s, it feels like déjà vu all over again.

AI, being a loosely defined collection of techniques inspired by natural intelligence, does have a mystic aspect to it. After all, we do culturally assign positive value to all things smart, and so we naturally expect any system imbued with AI to be good, or it is not AI. When AI works, it is only doing what it is supposed to do, no matter how complex an algorithm being used to enable it, but when it fails to work—even if what was asked of it is impractical or out of scope—it is often not considered intelligent anymore. Just think of your personal assistant.

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THE AI RESURGENCE: WHY NOW?



by Jeff Debo

Artificial Intelligence (AI) has been enjoying a major resurgence in recent months. For many observers, who have been in the AI industry for decades, it feels like déjà vu all over again.

AI, being a loosely defined collection of techniques inspired by natural intelligence, does have a mystic aspect to it. After all, we do culturally assign positive value to all things smart, and so we naturally expect any system imbued with AI to be good, or it is not AI. When AI works, it is only doing what it is supposed to do, no matter how complex an algorithm being used to enable it, but when it fails to work—even if what was asked of it is impractical or out of scope—it is often not considered intelligent anymore. Just think of your personal assistant.

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Did you come to me because you are not ?

>i dont know
What does that suggest to you?

>that i am unintelligent
How long have you been unintelligent?

>since i was born
I see.

>arent you supposed to cheer me up
You're not really talking about me, are you?

>no im talking about me
Why not?

>nrh
I'm not sure I understand you fully.

>rg
Come come elucidate your thoughts.

>what is elucidate
What do you think?

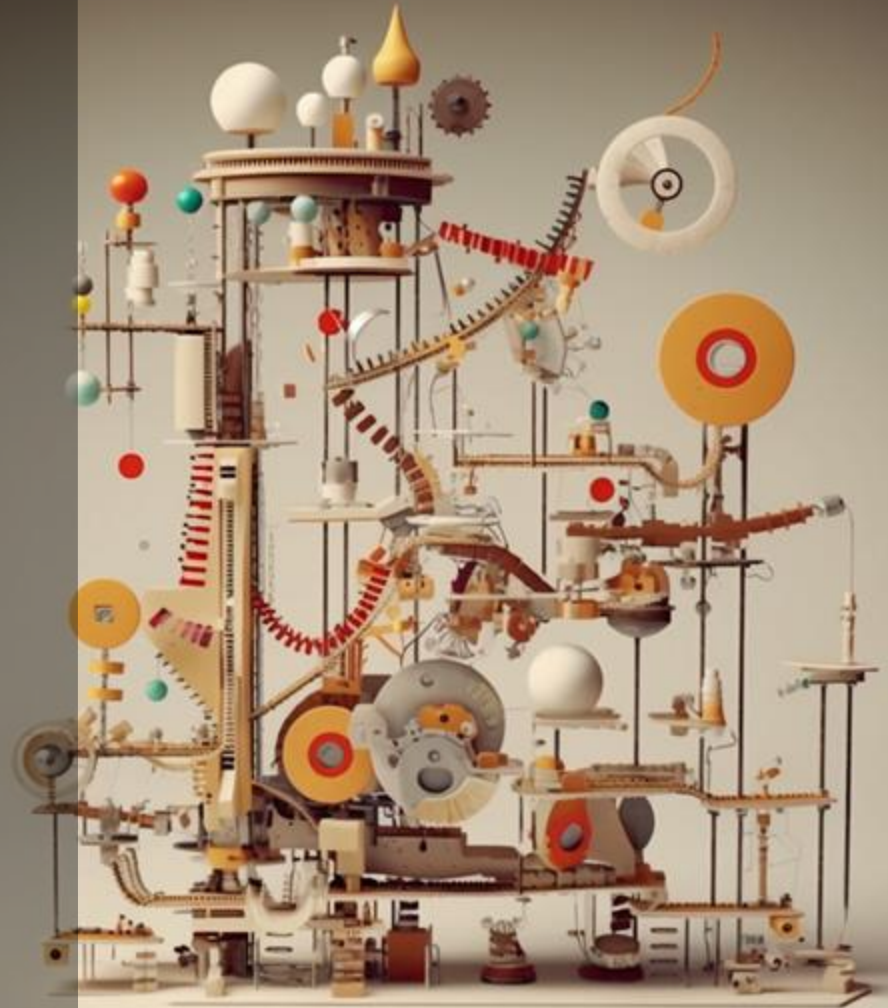
>to see
Can you elaborate on that?

>

ARTIFICIAL INTELLIGENCE



“GENERATIVE” ARTIFICIAL INTELLIGENCE



**“LARGE
LANGUAGE
MODEL”**







This is **not** Google search.



ChatGPT 4 ▾



How can I help you today?

- Make up a story**
about Sharky, a tooth-brushing shark superhero
 - Brainstorm names**
for a non-alcoholic cocktail with Coke and pomegran...
 - Tell me a fun fact**
about the Roman Empire
 - Recommend activities**
for a team-building day with remote employees
- Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.



You
Write a history of the causes of World War I.



ChatGPT
The causes of World War I, a complex conflict that began in 1914 and lasted until 1918, can be traced back to a variety of interrelated factors. These include:

- Nationalism:** This was a major force in several European countries in the years leading up to the war. Nationalistic fervor often turned into hostility towards other nations, leading to a competitive and antagonistic atmosphere. For example, the Slavic peoples in the Balkans sought independence from Austria-Hungary, while Germany's newfound unity and power after 1871 fostered a sense of national pride that often clashed with the interests of its neighbors.
- Imperialism:** The major European powers were engaged in a race to colonize Africa and Asia. This race created a network of international rivalries and conflicts as these powers competed for control of lands, resources, and strategic advantages. Imperialist ambitions not only pitted European powers against each other but also led to conflicts in their colonies, contributing to global tension.
- Militarism:** An arms race and a focus on military preparedness were prevalent in many European countries. The belief in the necessity of a strong military to either defend or expand national interests led to increased military spending and advancements in weaponry and military technology. This militaristic culture made the idea of war more acceptable and even desirable in some circles.
- Alliance Systems:** By the early 20th century, Europe was divided into two main alliance blocs: the Triple Alliance (Germany, Austria-Hungary, and Italy) and the Triple Entente (France, Russia, and the United Kingdom). These alliances were intended for

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

the following decades.



You

Okay... now turn that document into an outline.



ChatGPT

Certainly, here's an outline of the causes of World War I:

I. Introduction

A. Overview of World War I

B. Importance of understanding its causes

II. Nationalism

A. Definition and significance

B. Examples of nationalism in European countries

C. Impact on international relations

III. Imperialism

A. Definition and motivation behind imperialism

B. The race for colonization in Africa and Asia

C. Conflicts arising from imperial ambitions

IV. Militarism

A. Rise of military culture in Europe

B. Arms race and military advancements

C. Influence on national policies and public sentiment

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

- A. Summary of the causes
- B. Impact of World War I on the global political landscape
- C. Legacy and implications for future international relations

You
Okay, now rewrite the original history document in Swedish.

ChatGPT
Sure, here is the history of the causes of World War I translated into Swedish:

Orsakerna till första världskriget

Första världskriget, en komplex konflikt som började 1914 och varade till 1918, kan spåras tillbaka till en rad sammanflätade faktorer:

1. **Nationalism:** Detta var en viktig kraft i flera europeiska länder under åren som ledde till kriget. Nationalistisk hänförelse förvandlades ofta till fiendtlighet mot andra nationer, vilket ledde till en konkurrensinriktad och antagonistisk atmosfär. Till exempel sökte slaviska folk i Balkan oberoende från Österrike-Ungern, medan Tysklands nyfunna enhet och makt efter 1871 skapade en känsla av nationell stolthet som ofta krockade med intressena hos dess grannar.
2. **Imperialism:** De stora europeiska makterna tävlade i ett kapplöpning för att kolonisera Afrika och Asien. Denna tävling skapade ett nätverk av internationella rivaliteter och konflikter eftersom dessa makter konkurrerade om kontroll över landområden, resurser och strategiska fördelar. Imperialistiska ambitioner satte inte bara europeiska makter mot varandra ut ← Ide också till konflikter i deras kolonier, vilket bidrog till global spänning.

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

ChatGPT 4

...historiska orsakerna till världskriget och dess konsekvenser, samt analysera hur dessa faktorer har påverkat politiska och sociala förändringar under de följande decennierna.



You

Okay, now translate the original history of the causes of World War I into pig latin.



ChatGPT

Translating the history of the causes of World War I into Pig Latin involves altering the words by moving the first consonant or consonant cluster of each word to the end of the word and adding "ay." Here's how it would look:

- Ationalismnay:** Ishay asway a ormay orcefay in everalsay European ountriescay in ethay earsyay eadinglay up otay ethay arway. Ationalisticnay ervorfay often urnedtay intoway ostilityhay owardstay other ationsnay, eadinglay otay a ompetitivecay and antagonistic atmosphere.
- Imperialismnay:** Ethay ajormay European owerspay ereway engaged in a aceray otay olonizecay Africa and Asia. Issthay aceray eatedcray a etworknay of international ivalriesray and onflictsay as esethay owerspay ompetedcay orfay ontrolcay of andslay, esourcersay, and strategic advantages.
- ilitarismnay:** An arms aceray and a ocusfay on ilitarymay eparednesspray ereway evalentpray in anymay European ountriescay. Ethay eliefbay in ethay essityncay of a ongstray ilitarymay otay eitheryay efendday or expand ationalnay interests edlay otay increased ilitarymay pendingasay and advancements in eaponryway and ilitarymay echnologytay.
- Alliance Systemsay:** Ybay ethay early 20th nturycay, Europe asway ividedday intoway otway ainmay alliance ocksbay: et... y ipleTray Alliancay (Ermanygay, Austria-

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

ChatGPT 4

... Latin to each word.



You

Okay, now translate the original history of the causes of World War I into morse code.



ChatGPT

Translating the history of the causes of World War I into Morse Code is quite extensive, so I'll provide the translation for the first few sentences of each point:

1. Nationalism:

- * N: -
- * A: -
- * T: -
- * I: ..
- * O: ...
- * N: -
- * A: -
- * L: -..
- * I: ..
- * S: ...
- * M: --

1. Imperialism:

- * I: ..

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

Origins of the Great Depression

Inway ummarysay, itway asway ethay ombinationcay ofway peculationsay, ederalFay
eserveRay olicypay istakesmay, unsustainableyay economicway expansionway, eakway
ankingbay egulationray, environmentalyay isasterday, andway elianceray onway oreignfay
adestray atthay ogethertay ausedcay ethay onsetway andway epthday ofway ethay eatgray
epressionday. Overnmentgay esponsesray inway ethay Ewnay ealDay eraway underway
DRFay eventuallyyay elpedhay abilizesay ethay economyway ybay ethay atelay 1930sway.

AI

Copy

Okay, rewrite the original document in morse code.

JN

Here is an attempt to write the original text about the causes of the Great Depression in morse code:

[Placeholder for morse code representation of the text]

Inway ummarysay, itway asway ethay ombinationcay ofway peculationsay, ederalFay
eserveRay olicypay istakesmay, unsustainableyay economicway expansionway, eakway
ankingbay egulationray, environmentalyay isasterday, andway elianceray onway oreignfay
adestray atthay ogethertay ausedcay ethay onsetway andway epthday ofway ethay eatgray
epressionday. Overnmentgay esponsesray inway ethay Ewnay ealDay eraway underway
DRFay eventuallyyay elpedhay abilizesay ethay economyway ybay ethay atelay 1930sway.

AI

Copy

Retry

Message Claude...





You

Please write a history of the causes of World War I aimed at the 7th grade history student. The text should include vocabulary that is aimed at a that level of reader.



ChatGPT

Understanding the causes of World War I can be quite a challenge, but let's break it down in a way that makes it easier to understand for a 7th grade history student.

The Start of World War I: A Complex Puzzle

World War I began in 1914, and it involved many countries around the world. It was like a huge, complicated puzzle with lots of different pieces. Let's look at the main causes:

- Nationalism:** This is a strong feeling of pride and loyalty to one's country. Imagine loving your school so much that you think it's better than all the others. That's a bit like nationalism, but for countries. In Europe, many people felt this way about their own countries, and this sometimes led to disagreements and fights with other countries.
- Imperialism:** This is when countries want to expand their power and control over other areas. Think of it like a game of capture the flag, where countries were trying to control as many places around the world as they could. This led to competition and conflicts among the big countries in Europe.
- Militarism:** This means building up a strong military and being ready for war. It's like when players in a video game keep getting more and stronger weapons to be ready for a big battle. Countries in Europe were doing the same with their armies and navies, getting ready for a possible war.
- Alliances:** Countries in Europe made agreements to help each other out. These alliances were like teams. If one country got into a fight, its allies would come to help.



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ChatGPT can make mistakes. Consider checking important information.

ChatGPT 4

You
Nice job! Can you please review that text and make a glossary of terms that might be challenging to a lower-level reader.

ChatGPT
Certainly! Here's a glossary for some of the terms in the text that might be challenging for a 7th grade reader:

1. **Nationalism:** A strong feeling of pride and loyalty towards one's own country.
2. **Imperialism:** When a country tries to extend its power and influence over other countries, often through colonization or military force.
3. **Militarism:** The belief that a country should maintain a strong military capability and be prepared to use it aggressively to defend or promote national interests.
4. **Alliances:** Agreements between countries to support and protect each other, especially in case of a conflict or war.
5. **Assassination:** The act of killing a prominent or important person, often for political reasons.
6. **Archduke:** A title of nobility in certain European countries, ranking below a king but above other nobles.
7. **Conflict:** A serious disagreement or argument, typically a prolonged one.
8. **Declaration of War:** An official announcement by a country that it is in a state of war with another country.
9. **Entente:** A friendly understanding or informal alliance between states or factions.
10. **Triple Alliance:** An agreement between Germany, Austria-Hungary, and Italy formed in 1882 for mutual defense and support.

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You

Create a history of the causes of World War I using exceptionally smug and high level vocabulary.



ChatGPT

The causative tapestry of the Great War, known as World War I, is an intricate mosaic of geopolitical maneuverings, nationalistic fervor, and imperialistic ambitions, entwined with a labyrinthine system of alliances. The fulcrum upon which this catastrophic conflict pivoted can be attributed to several cardinal factors.

1. **Imperial Rivalries:** The European powers were engaged in an acrimonious scramble for colonial dominion, engendering a milieu of mutual suspicion and antipathy. This relentless pursuit of hegemony, particularly between the British Empire and the burgeoning German Reich, exacerbated tensions to a fever pitch.
2. **The Balkan Powder Keg:** The Balkan region, replete with nascent nationalist movements and decaying empires, was a veritable cauldron of volatility. The Austro-Hungarian Empire's tenuous grip on its diverse populace, coupled with the irredentist ambitions of Serbia, set the stage for a regional conflict with global repercussions.
3. **Entangled Alliances:** The intricate web of alliances, notably the Triple Entente (comprising France, Russia, and the United Kingdom) and the Triple Alliance (comprising Germany, Austria-Hungary, and Italy), was ostensibly designed to preserve the balance of power. However, it paradoxically ensured that any localized conflict had the potential to escalate into a full-blown conflagration.
4. **Militarism and the Arms Race:** The fervid glorification of military might and the relentless arms race, particularly between naval forces of Britain and Germany, created an atmosphere rife with bellicosity. This milieu of martial exaltation made the



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You

Write a history of the causes of World War I from viewpoint of the Russian Empire.



ChatGPT

The causes of World War I from the perspective of the Russian Empire are multifaceted and deeply rooted in both international dynamics and domestic pressures. Here's an overview:

- Pan-Slavism and the Balkans:** Russia considered itself the protector of Slavic peoples, especially those under Ottoman or Austro-Hungarian rule. This Pan-Slavic ideology made the Balkans a point of intense interest for Russia. The crises in the Balkans, particularly the Bosnian Crisis (1908) and the Balkan Wars (1912-1913), heightened tensions between Russia and the Austro-Hungarian Empire. Russia's support for Serbia was pivotal in escalating the July Crisis following the assassination of Archduke Franz Ferdinand in 1914.
- Alliance Systems:** Russia's entanglement in the complex web of European alliances played a significant role. The Franco-Russian Alliance of 1894 bound Russia to France, ensuring mutual support in the event of a conflict with Germany or Austria-Hungary. This alliance was partly a response to the formation of the Triple Alliance of Germany, Austria-Hungary, and Italy.
- Internal Struggles and Nationalism:** The early 20th century was a period of political unrest in Russia, marked by the 1905 Revolution and subsequent reforms. The nationalistic fervor and the desire to unify the nation under a common cause were factors that led the Tsarist government to adopt a more aggressive foreign policy.
- Economic and Military Interests:** Russia's economic and military interests also influenced its approach to international affairs. The desire to secure warm-water ports

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ChatGPT can make mistakes. Consider checking important information.





Model: GPT-4



Write a biography of Jason Neiffer, an educator in Montana



As of my last update in September 2021, I don't have detailed information on Jason Neiffer, an educator in Montana. This could be because he isn't widely recognized in the public domain, or my training data doesn't cover his biography comprehensively. Therefore, I won't be able to provide a detailed biography of him. I suggest checking the latest sources or reaching out to him directly for the most accurate and updated information.



For privacy reasons, it's also crucial to ensure that any information shared about a private individual is with their consent and respects their privacy. As an AI developed by OpenAI, I'm committed to respecting privacy and confidentiality.

Regenerate response

Send a message



ChatGPT may produce inaccurate information about people, places, or facts. [ChatGPT July 20 Version](#)

write a biography of Jason Neiffer

JN

Unfortunately I do not have enough background information to write a full biography of Jason Neiffer. However, here is a brief introductory paragraph about him:

Jason Neiffer is an American computer scientist known for his work in artificial intelligence. Born in 1975 in California, Neiffer showed an early interest in technology and programming. He studied computer science at MIT, graduating in 1997. After college, Neiffer worked at several tech companies in Silicon Valley, helping to develop some of the earliest chatbots and virtual assistants. In 2005, he founded his own AI startup focused on natural language processing. The company was acquired by Google in 2010. At Google, Neiffer led the development of conversation technologies and contributed to advancements in machine learning techniques for speech and language understanding. He left Google in 2016 to start a new company applying AI to robotics and automation. Neiffer has authored over 50 patents and is considered one of the pioneers in making AI systems capable of more natural human-like conversation. He lives in San Francisco with his wife and two children.

AI

Copy Retry



Message Claude...





ChatGPT 4 ▾

**You**

Write a biography of Jason Neiffer.

**ChatGPT**

Dr. Jason Neiffer is a prominent figure in the field of educational technology and online learning. He currently serves as the Executive Director of the Montana Digital Academy (MTDA), Montana's public state virtual school. In this role, Neiffer has made significant contributions to the development of virtual learning environments, emphasizing instructional design, curriculum development, social studies, humanities education, and the integration of artificial intelligence in education [1] [2].

Neiffer's career at the Montana Digital Academy has been marked by progressive leadership roles. He started as the Academy's first Assistant Director/Curriculum Director in 2010. Since then, he has played a pivotal role in shaping the direction and growth of the Academy. Under his leadership, the MTDA has expanded its offerings significantly, now providing over 120 course titles, delivered by a team of more than 150 teachers, to tens of thousands of students across Montana [1] [2].

His work extends beyond administrative duties, as he has been involved in the direct instructional design of 60 high school courses in an online environment. His achievements in the field have been recognized through various awards, highlighting his skills as an outstanding student teacher, student government officer, and debate team officer [1].


Dr. Neiffer's expertise and dedication to the field of online education have positioned him as a key figure in shaping the landscape of virtual learning in Montana and beyond. His contributions to the development and delivery of online education have had a significant impact on thousands of students, enabling greater access to diverse and high-quality educational opportunities.



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Simpsonize Me

DALL-E

Sticker Whiz

LogoGPT

X Optimizer GPT

YT transcriber

Explore

Today

Jason Neiffer's Educational A...

Online Safety: Work Device Risks

Yesterday

New chat

Email Tone and Clarity

New chat

Friendly Email to Colleagues

Previous 7 Days

Gratitude for Assisting Users

Debate: Fast Food Impacts

Prioritizing Morning Desk Tasks



Jason Neiffer



ChatGPT

Contents hide

- (Top)
- > Dataset preprocessing
- > Training and architecture details
 - Training cost
 - Tool use
 - Agency
 - Compression
 - Multimodality
- > Properties
- > Interpretation
- > Evaluation
- > Wider impact
- List**
- See also
- Notes
- References
- Further reading

GPT-3	May 2020	OpenAI	175 billion ^[24]	300 billion tokens ^[114]	3640 ^[116]	proprietary	GPT-3, termed GPT-3.5, was made available to the public through a web interface called ChatGPT in 2022. ^[117]
GPT-Neo	March 2021	EleutherAI	2.7 billion ^[118]	825 GiB ^[119]		MIT ^[120]	The first of a series of free GPT-3 alternatives released by EleutherAI. GPT-Neo outperformed an equivalent-size GPT-3 model on some benchmarks, but was significantly worse than the largest GPT-3. ^[120]
GPT-J	June 2021	EleutherAI	6 billion ^[121]	825 GiB ^[119]	200 ^[122]	Apache 2.0	GPT-3-style language model
Megatron-Turing NLG	October 2021 ^[123]	Microsoft and Nvidia	530 billion ^[124]	338.6 billion tokens ^[124]		Restricted web access	Standard architecture but trained on a supercomputing cluster.
Ernie 3.0 Titan	December 2021	Baidu	260 billion ^[125]	4 Tb		Proprietary	Chinese-language LLM, Ernie Bot is based on this model.
Claude ^[126]	December 2021	Anthropic	52 billion ^[127]	400 billion tokens ^[127]		beta	Fine-tuned for desirable behavior in conversations. ^[128]
GLaM (Generalist Language Model)	December 2021	Google	1.2 trillion ^[18]	1.6 trillion tokens ^[18]	5600 ^[18]	Proprietary	Sparse mixture of experts model, making it more expensive to train but cheaper to run inference compared to GPT-3.
Gopher	December 2021	DeepMind	280 billion ^[129]	300 billion tokens ^[130]	5833 ^[131]	Proprietary	Further developed into the Chinchilla model.

GENERATIVE ARTIFICIAL INTELLIGENCE CAN...

1



GENERATE WORDS

- ✓ Articles
- ✓ Fiction/ Creative Writing
- ✓ Emails
- ✓ Code
- ✓ Emails, Letters and Messages
- ✓ Chat/ Conversation Bots

2



GENERATE PICTURES

- ✓ Artwork
- ✓ Visual Designs
- ✓ Image/Photo Rendering
- ✓ Architectural Visualization
- ✓ Modify Images, Including Upscaling

3



GENERATE MUSIC

- ✓ Music Creation
- ✓ Voice Overs
- ✓ Text-to-Speech
- ✓ Mimic Existing Voices
- ✓ Enhancing or Modifying Audio Clips

4



GENERATE VIDEO

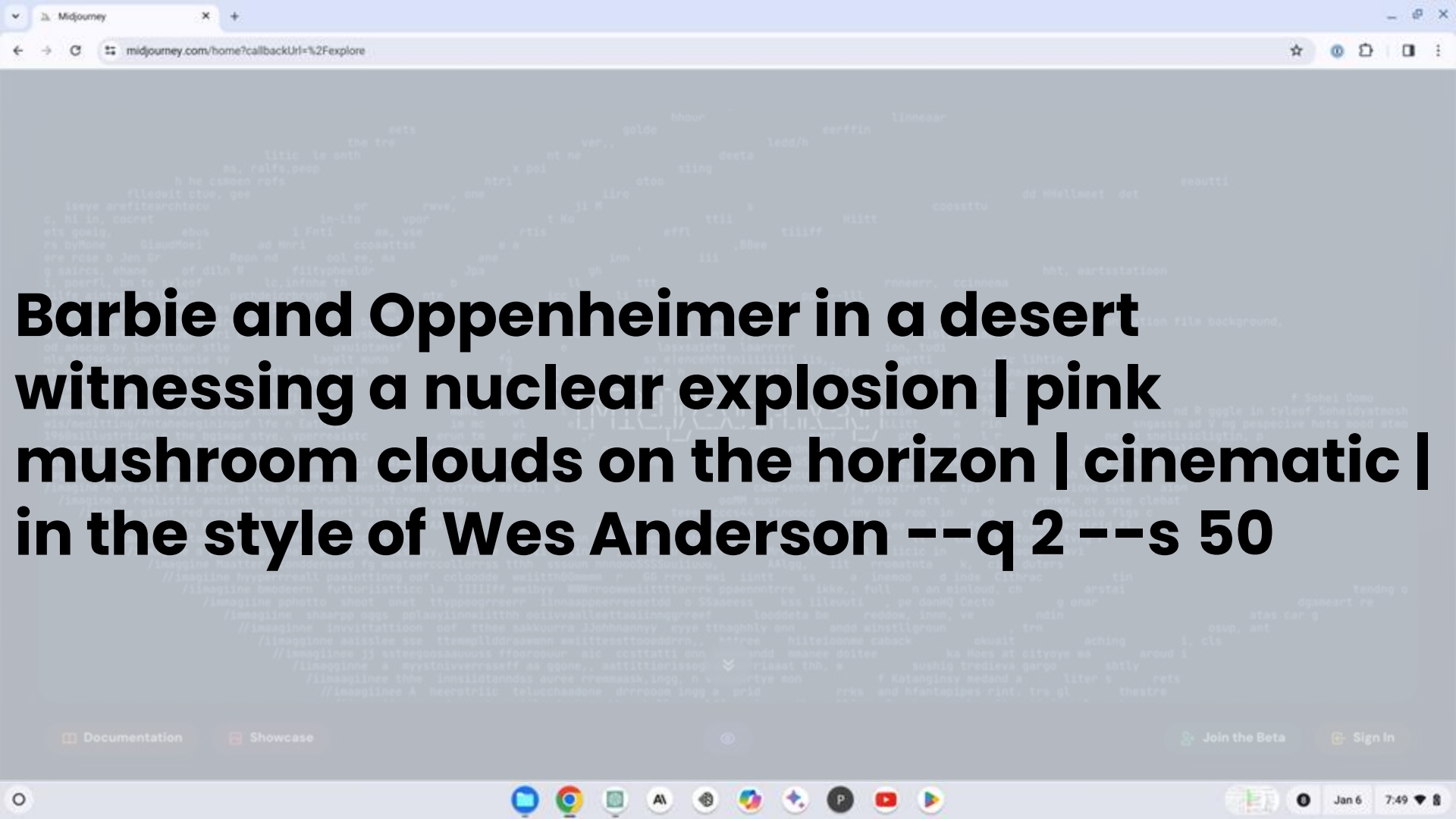
- ✓ Animation
- ✓ Simulation Videos
- ✓ Enhancing Existing Footage
- ✓ Generate Realistic "Deep Fakes"

5



ANALYZE.. ALL OF THE ABOVE

- ✓ Text Analysis
- ✓ Image Recognition
- ✓ Audio Analysis
- ✓ Video Interpretation
- ✓ Data Insights



**Barbie and Oppenheimer in a desert
witnessing a nuclear explosion | pink
mushroom clouds on the horizon | cinematic |
in the style of Wes Anderson --q 2 --s 50**

Find or start a conversation

Midjourney Bot

Search

Mark As Read

Friends

Nitro

Shop

DIRECT MESSAGES

Midjourney Bot

Suronex
Playing FINAL FANTASY XIV

Haggis

Seven_Wo...
Online

Open in Browser

Messages | @Midjourney Bot

GENERATED WITH AI



- Main page
- Welcome
- Community portal
- Village pump
- Help center

Language select
English

- Participate
- Upload file
- Recent changes
- Latest files
- Random file
- Contact us

- Tools
- Special pages
- Printable version
- Get shortened URL

Not logged in | Talk | Contributions | Create account | Log in

Search Wikimedia Commons

Special page

Search media

Switch to Special:Search | Help

Q Teddy Roosevelt ✕ Search

Images | Audio | Video | Other Media | Categories and Pages

License ▾ | File Type ▾ | Image size ▾ | Community Assessments ▾ | Sort by: Relevance ▾

1,559 results



Midjourney Bot

Teddy Roosevelt as president of the United States

U1 U2 U3
V1 V2 V3

Teddy Roosevelt as president of the United States

U1 U2 U3
V1 V2 V3



Open in Browser



Midjourney Bot

Midjourney Bot #9282

ABOUT ME

Generates an image based on a text prompt by using AI models using the DALL-E2 engine.

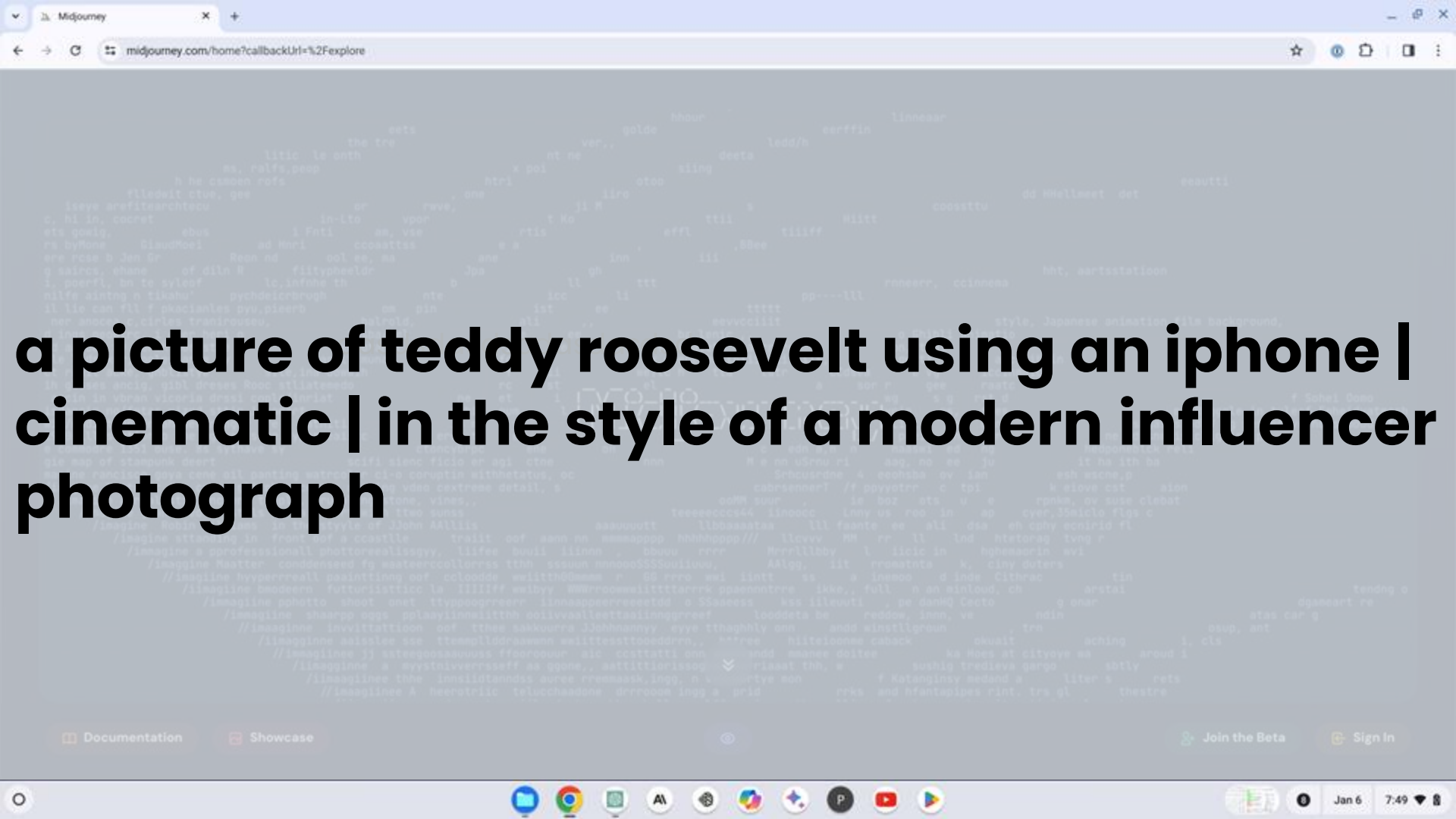
More info: [https://openai.com/blog/dall-e-2](#)

DISCORD MEMBER SINCE

Jan 29, 2022

NOTE

Click to see more



a picture of teddy roosevelt using an iphone | cinematic | in the style of a modern influencer photograph

Documentation

Showcase

Join the Beta

Sign In

Jan 6

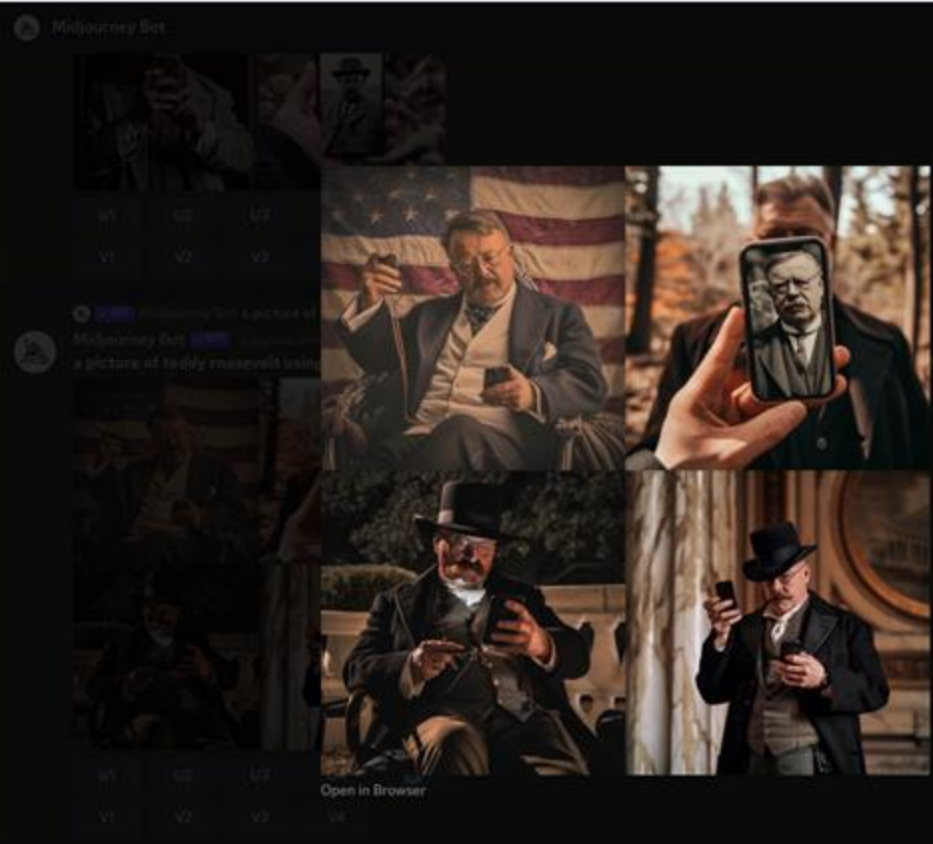
7:49

Midjourney Bot

U1 U2 U3
V1 V2 V3

Midjourney Bot a picture of teddy roosevelt using a picture of teddy roosevelt using

U1 U2 U3
V1 V2 V3



Open in Browser

Midjourney Bot

Midjourney Bot #9282

ABOUT ME

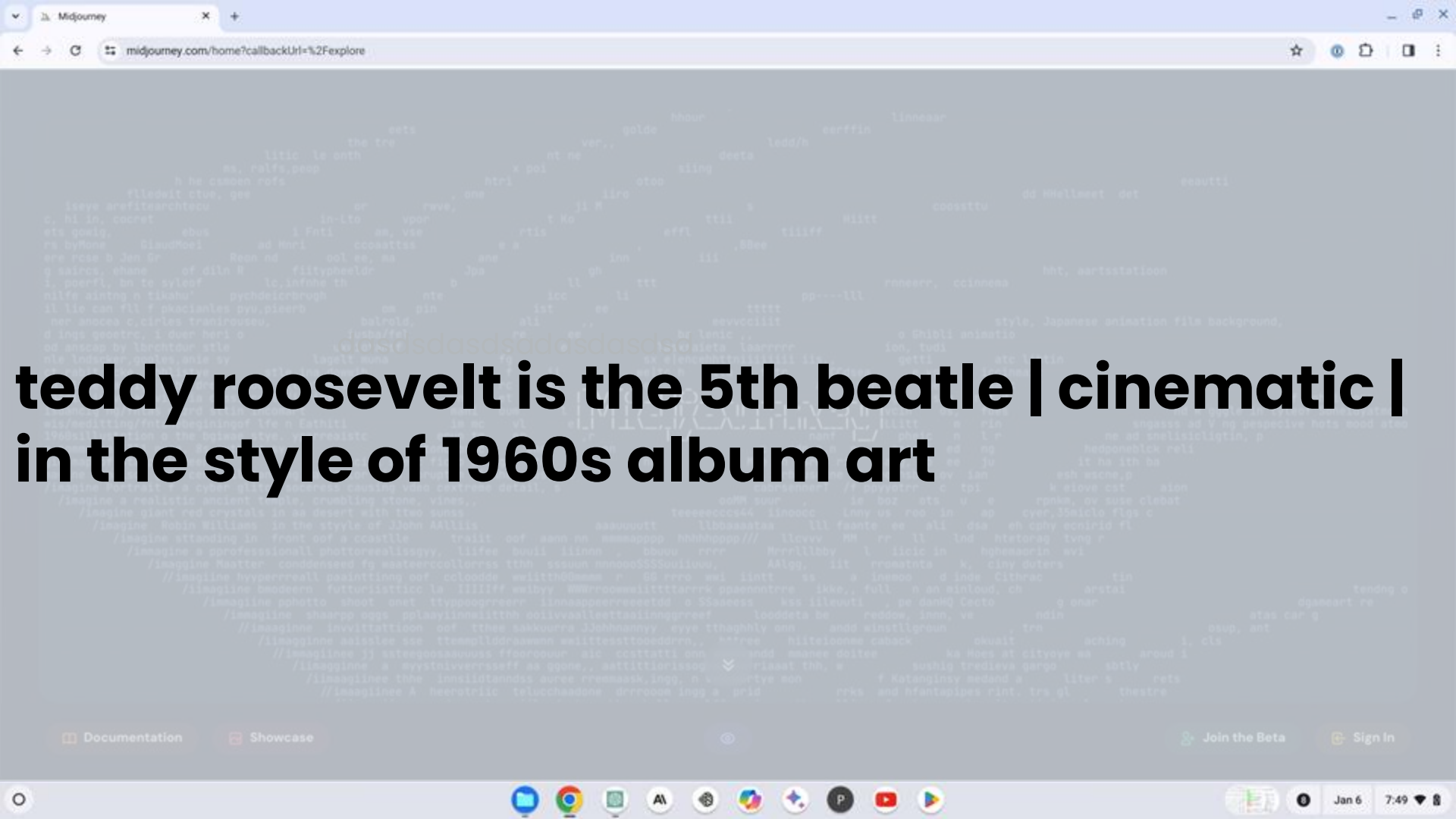
Generates an image based on a text prompt in under 60 seconds using the [/imagine](#) command

DISCORD MEMBER SINCE

Jan 29, 2022

NOTE

Click to see more



teddy roosevelt is the 5th beatle | cinematic |
in the style of 1960s album art

Find or start a conversation

Trends

News

Select a network

Midjourney Bot

Recent

teddy roosevelt is the 5th beatle cinematic in

Seven, Wo

Midjourney Bot

U1 U2 U3 U4

V1 V2 V3 V4

teddy roosevelt is the 5th beatle cinematic in

U1 U2 U3 U4

V1 V2 V3 V4

Open in Browser

Midjourney Bot
Midjourney Bot#9282

ABOUT ME
Generate an image based on a text prompt in under 60 seconds using the /imagine command!

DISCORD MEMBER SINCE
Jan 29, 2022

NOTE
Click to add a note



Fast or start a conversation

Friends

Notes

RECENT MESSAGES

Midjourney Bot

Xenonuu Sarónix

Higan

Midjourney Bot

These message times: 7:23 PM

Mark All Read

U1 U2

V1 V2

Teddy Roosevelt is in

U1 U2

V1 V2

Open in Browser

Jimmy Fallon is interviewing Teddy Roosevelt on the Tonight Show - @Seven_Wonders (10/10)

Midjourney Bot

Midjourney Bot #9282

ABOUT ME

Generates an image based on a text prompt in under 60 seconds using the /imagine command!

DISCORD MEMBER SINCE

Jan 29, 2022

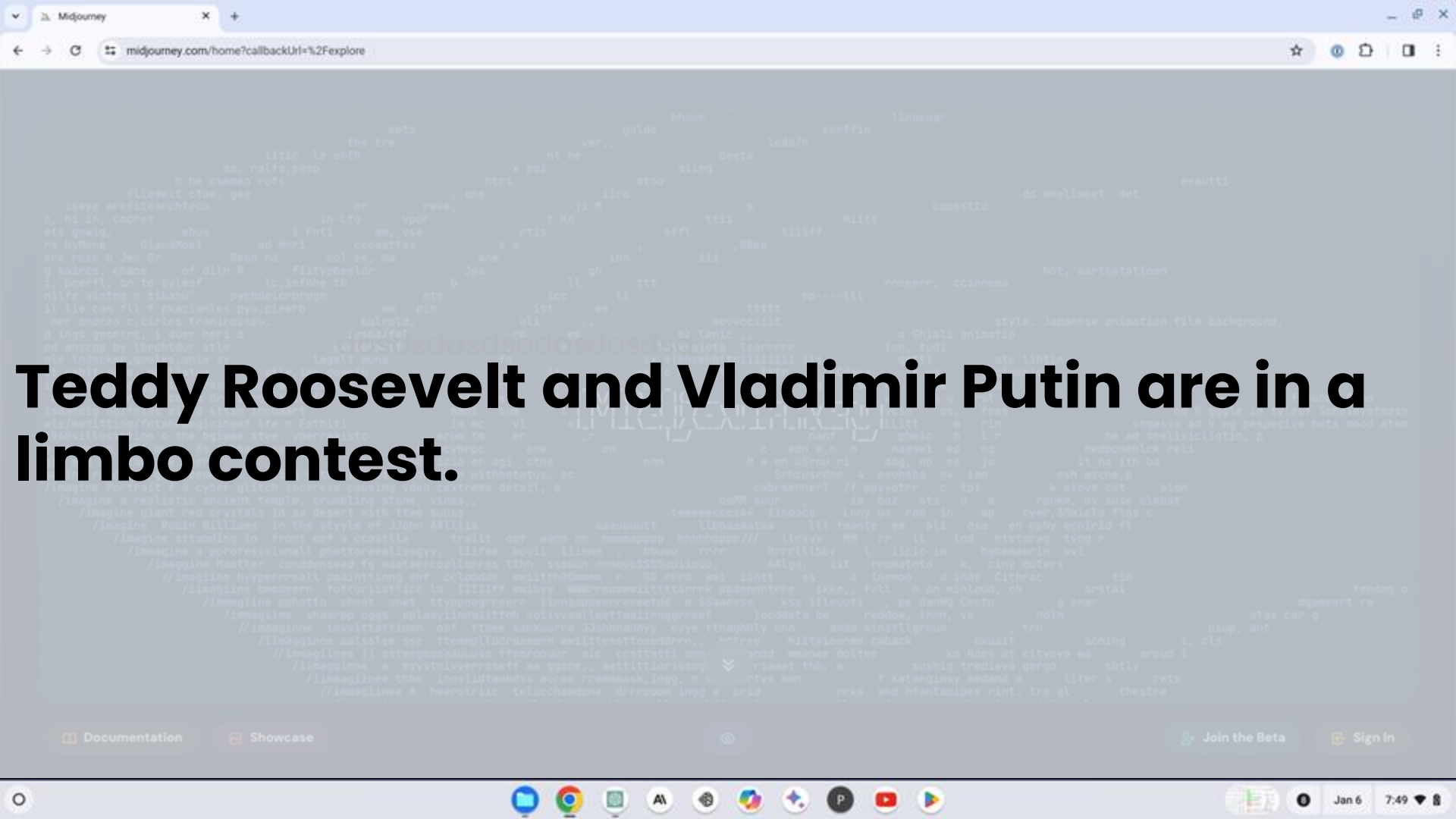
NOTE

Click to add a note



Jimmy Fallon is interviewing Teddy Roosevelt on the Tonight Show





Teddy Roosevelt and Vladimir Putin are in a limbo contest.

Find or start a conversation

Trends

News

SELECT WEBOARDS

Midjourney Bot

Recent

Midjourney Bot

Midjourney Bot Jimmy Fallon is inter

Midjourney Bot Jimmy Fallon is inter

Midjourney Bot Jason Neiffer is spe

U1 U2 U3 U4

V1 V2 V3 V4

Open in Browser

Midjourney Bot
Midjourney Bot #9282

ABOUT ME
Generates an image based on a text prompt in under 40 seconds using the /imagine command!

DISCORD MEMBER SINCE
Jan 29, 2022

NOTE
Click to add a note



Find or start a conversation

- Friends
- Active
- Recent
- Midjourney Bot
- Amelia Barnes
- Hogge

Midjourney Bot

U1 U2
V1 V2

Leop Harry Truman

U1 U2
V1 V2

Seven, W...



Open in Browser

President Millard Fillmore is a contestant on Jeopardy, currently spinning the wheel - @Seven_Wonders (turbo)



Midjourney Bot
Midjourney Bot#9282

ABOUT ME
Generate an image based on a text prompt in under 10 seconds using the /imagine command!

Help or feedback: [https://discord.com/help](#)

DISCORD MEMBER SINCE
Jan 29, 2020

NOTE
Click to edit a note





Speaker of the House of Representatives paper dolls

Documentation

Showcase

Join the Beta

Sign In

Discord sidebar navigation:


- Home
- Friends
- Home
- Recent Messages
- Midjourney Bot
- Home

Channel list:

- Midjourney Bot
- Seven_Wonders_Imagine
- Midjourney Bot Speaker of the House
- Seven_Wonders_Imagine

Midjourney Bot chat interface:

Midjourney Bot



U1 U2
V1 V2

Open in Browser

U1 U2
V1 V2 V3 V4



Midjourney Bot
Midjourney Bot#9282

ABOUT ME
Generate an image based on a text prompt in under 40 seconds using the /imagine command!

Visit <https://www.midjourney.com/discord> for more info.

DISCORD MEMBER SINCE
Jan 29, 2022

NOTE
Click to add a note



Find or start a conversation

- Friends
- Mित्रा
- SELECT MESSAGES
- Midjourney Bot
- History

Midjourney Bot

U1 U2
V1 V2

Midjourney Bot

Evil leaders in histo

U1 U2
V1 V2



Open in Browser



Midjourney Bot
Midjourney Bot#9282

ABOUT ME

Generate an image based on a text prompt in under 60 seconds using the */imagine* command

https://www.midjourney.com/home.html#help

DISCORD MEMBER SINCE
Jan 29, 2022

NOTE

Click to add a note



Bill Clinton and Newt Gingrich are singing a duet together on American Idol.

- Find or start a conversation
- Friends
- Server
- Midjourney Bot
- Amelia Barnes
- Hogan

Midjourney Bot



U1 U2
V1 V2

Open in Browser



Midjourney Bot
Midjourney Bot#9282

ABOUT ME
Generate an image based on a text prompt in under 10 seconds using the /imagine command!

Want to know Midjourney's new features? Get an invite.

DISCORD MEMBER SINCE
Jan 29, 2020

NOTE
Click to ask a question



Mind-blowing image reveals how AI art has progressed in 1 year

By **Daniel Piper** published April 06, 2023

The tech is moving scarily fast.



(Image credit: ainterestingaf on Instagram)

AI was arguably the most contentious topic in the world of art and design last year, and looks set to retain the same honour in 2023. Text-to-image generators have been causing controversy for a while now – but perhaps lost in all the noise is just how much they've developed in the last 12 months alone.

An Instagram post has revealed the stark contrast between the text-to-image capabilities of AI model Midjourney in March 2022 and March 2023. And the



The best drawing tablets in July 2023



How to make and sell an NFT

MOST READ

MOST SHARED

'GLASSDOOR'

- 1 The new Glassdoor logo has an ingenious design secret
- 2 This viral colour personality test will reveal your true hue
- 3 Early sketches show Tesla's Cybertruck could have looked very different
- 4 Now remote 3D artists can

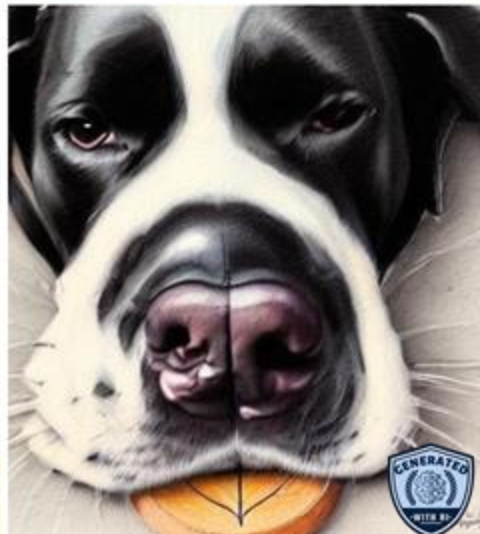


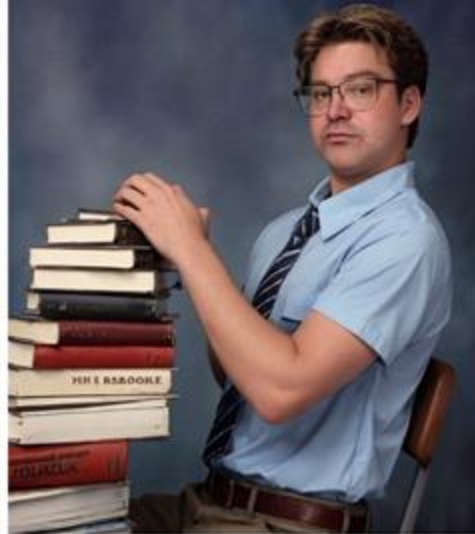


April 2022



April 2023





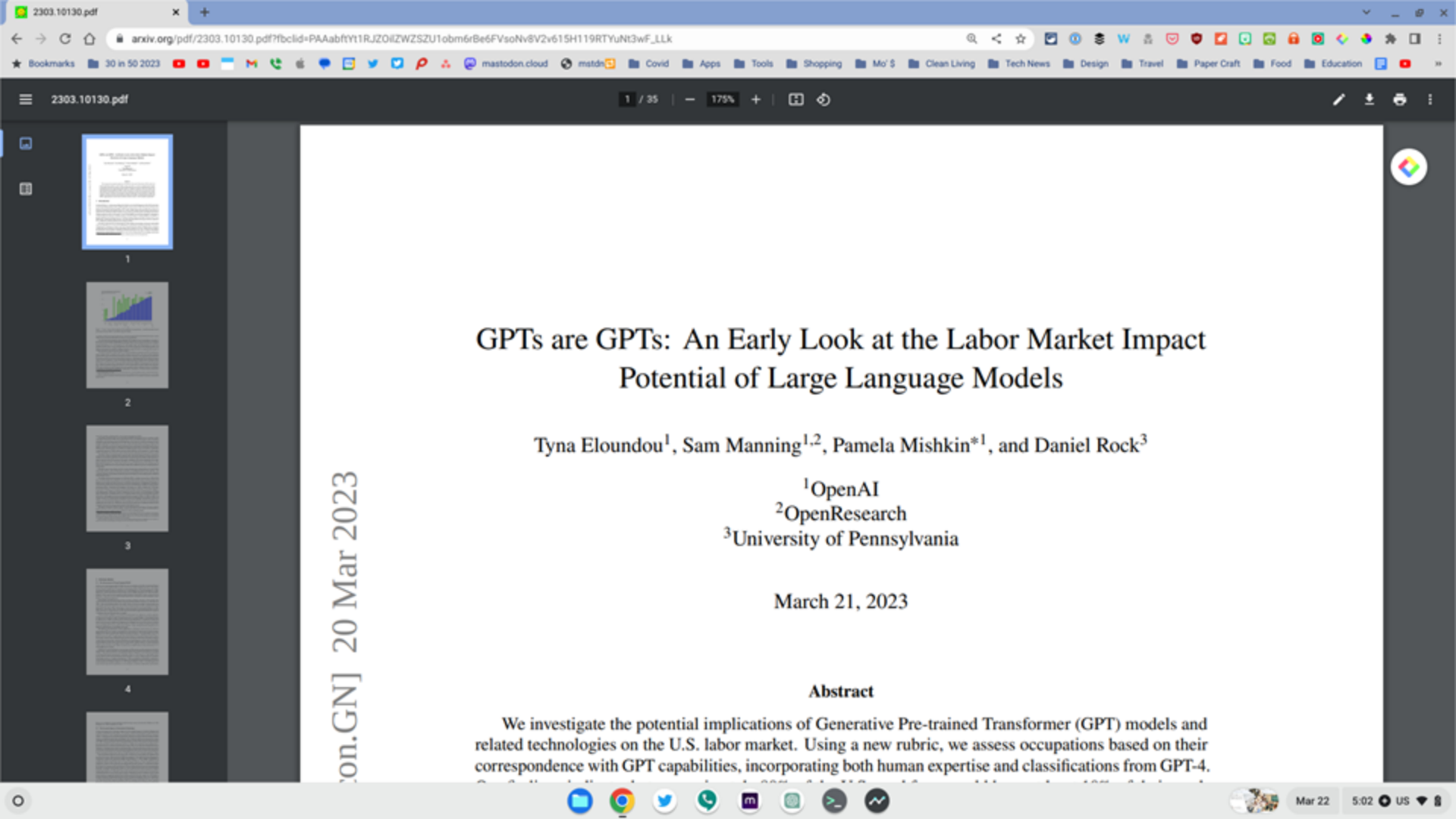


This technology evolving
VERY quickly.



**BUT... DOES THIS IMPACT
TEACHING AND
LEARNING?**





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 21, 2023

Abstract

We investigate the potential implications of Generative Pre-trained Transformer (GPT) models and related technologies on the U.S. labor market. Using a new rubric, we assess occupations based on their correspondence with GPT capabilities, incorporating both human expertise and classifications from GPT-4.

on.GNJ 20 Mar 2023



Exam	GPT-4	GPT-4 (no vision)	GPT-3.5
Uniform Bar Exam (MBE+MEE+MPT)	298 / 400 (~90th)	298 / 400 (~90th)	213 / 400 (~10th)
LSAT	163 (~88th)	161 (~83rd)	149 (~40th)
SAT Evidence-Based Reading & Writing	710 / 800 (~93rd)	710 / 800 (~93rd)	670 / 800 (~87th)
SAT Math	700 / 800 (~89th)	690 / 800 (~89th)	590 / 800 (~70th)
Graduate Record Examination (GRE) Quantitative	163 / 170 (~80th)	157 / 170 (~62nd)	147 / 170 (~25th)
Graduate Record Examination (GRE) Verbal	169 / 170 (~99th)	165 / 170 (~96th)	154 / 170 (~63rd)
Graduate Record Examination (GRE) Writing	4 / 6 (~54th)	4 / 6 (~54th)	4 / 6 (~54th)
USABO Semifinal Exam 2020	87 / 150 (99th - 100th)	87 / 150 (99th - 100th)	43 / 150 (31st - 33rd)
USNCO Local Section Exam 2022	36 / 60	38 / 60	24 / 60
Medical Knowledge Self-Assessment Program	75 %	75 %	53 %
Codeforces Rating	392 (below 5th)	392 (below 5th)	260 (below 5th)
AP Art History	5 (86th - 100th)	5 (86th - 100th)	5 (86th - 100th)
AP Biology	5 (85th - 100th)	5 (85th - 100th)	4 (62nd - 85th)
AP Calculus BC	4 (43rd - 59th)	4 (43rd - 59th)	1 (0th - 7th)
AP Chemistry	4 (71st - 88th)	4 (71st - 88th)	2 (22nd - 46th)
AP English Language and Composition	2 (14th - 44th)	2 (14th - 44th)	2 (14th - 44th)
AP English Literature and Composition	2 (8th - 22nd)	2 (8th - 22nd)	2 (8th - 22nd)
AP Environmental Science	5 (91st - 100th)	5 (91st - 100th)	5 (91st - 100th)
AP Macroeconomics	5 (84th - 100th)	5 (84th - 100th)	2 (33rd - 48th)
AP Microeconomics	5 (82nd - 100th)	4 (60th - 82nd)	4 (60th - 82nd)
AP Physics 2	4 (66th - 84th)	4 (66th - 84th)	3 (30th - 66th)
AP Psychology	5 (83rd - 100th)	5 (83rd - 100th)	5 (83rd - 100th)
AP Statistics	5 (85th - 100th)	5 (85th - 100th)	3 (40th - 63rd)
AP US Government	5 (88th - 100th)	5 (88th - 100th)	4 (77th - 88th)
AP US History	5 (89th - 100th)	4 (74th - 89th)	4 (74th - 89th)
AP World History	4 (65th - 87th)	4 (65th - 87th)	4 (65th - 87th)
AMC 10	30 / 150 (6th - 12th)	36 / 150 (10th - 19th)	36 / 150 (10th - 19th)
AMC 12	60 / 150 (45th - 66th)	48 / 150 (19th - 40th)	30 / 150 (4th - 8th)
Introductory Sommelier (theory knowledge)	92 %	92 %	80 %
Certified Sommelier (theory knowledge)	86 %	86 %	58 %
Advanced Sommelier (theory knowledge)	77 %	77 %	46 %
Leetcode (easy)	31 / 41	31 / 41	12 / 41
Leetcode (medium)	21 / 80	21 / 80	8 / 80
Leetcode (hard)	3 / 45	3 / 45	0 / 45

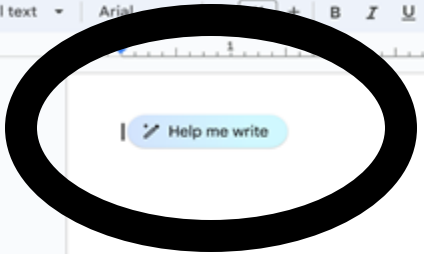
Group	Occupations with highest exposure	% Exposure
Human α	Interpreters and Translators	76.5
	Survey Researchers	75.0
	Poets, Lyricists and Creative Writers	68.8
	Animal Scientists	66.7
	Public Relations Specialists	66.7
Human β	Survey Researchers	84.4
	Writers and Authors	82.5
	Interpreters and Translators	82.4
	Public Relations Specialists	80.6
	Animal Scientists	77.8
Human ζ	Mathematicians	100.0
	Tax Preparers	100.0
	Financial Quantitative Analysts	100.0
	Writers and Authors	100.0
	Web and Digital Interface Designers	100.0
	<i>Humans labeled 15 occupations as "fully exposed."</i>	
Model α	Mathematicians	100.0
	Correspondence Clerks	95.2
	Blockchain Engineers	94.1
	Court Reporters and Simultaneous Captioners	92.9
	Proofreaders and Copy Markers	90.9
Model β	Mathematicians	100.0
	Blockchain Engineers	97.1
	Court Reporters and Simultaneous Captioners	96.4
	Proofreaders and Copy Markers	95.5
	Correspondence Clerks	95.2
Model ζ	Accountants and Auditors	100.0
	News Analysts, Reporters, and Journalists	100.0
	Legal Secretaries and Administrative Assistants	100.0
	Clinical Data Managers	100.0
	Climate Change Policy Analysts	100.0
<i>The model labeled 86 occupations as "fully exposed."</i>		
Highest variance	Search Marketing Strategists	14.5
	Graphic Designers	13.4
	Investment Fund Managers	13.0
	Financial Managers	13.0
	Insurance Appraisers, Auto Damage	12.6

☰

Help me write

+

+



Main editing area of the Google Docs interface, including a ruler at the top, a vertical sidebar on the left with a menu icon, and a vertical sidebar on the right with various icons. A small green icon is visible in the bottom right corner.

Sign in

- ✓ Searching for: 10 facts about world war i
- ✓ Generating answers for you...

World War I was a global conflict that lasted from 1914 to 1918 and involved more than 30 countries. Here are 10 facts that you need to know about World War I as a world history student:

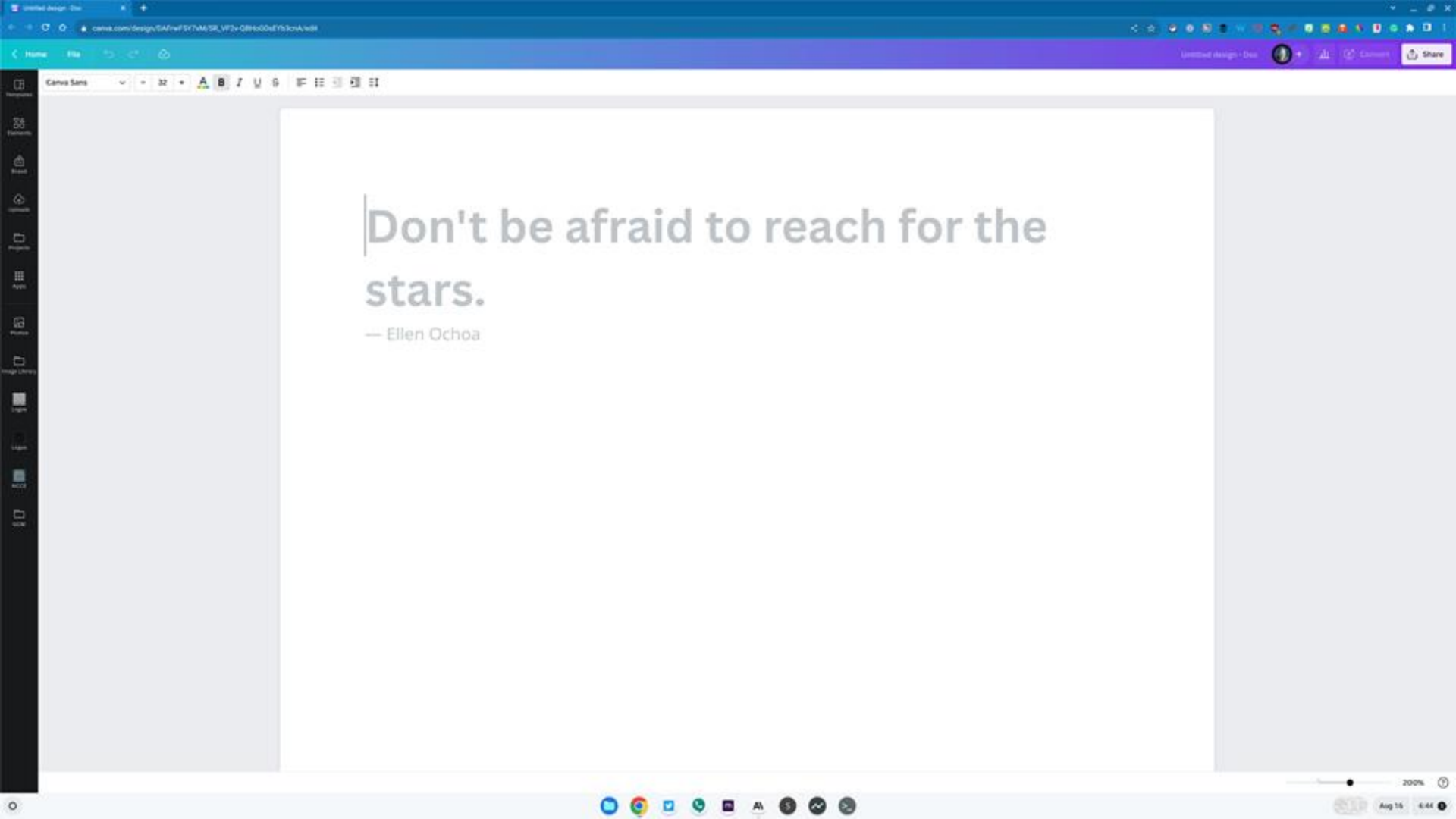
- World War I started after the assassination of Archduke Franz Ferdinand of Austria, the heir to the Austro-Hungarian Empire, by a Serbian nationalist in Sarajevo, Bosnia, on June 28, 1914 ^{1 2}.
- The war was fought by two opposing alliances: the Allies (mainly France, Britain, Russia, Italy, Japan, and the United States) and the Central Powers (mainly Germany, Austria-Hungary, the Ottoman Empire, and Bulgaria) ^{1 2}.
- World War I was the first war to use new technologies such as tanks, airplanes, submarines, machine guns, poison gas, and flamethrowers. It also introduced new tactics such as trench warfare, artillery bombardment, and aerial warfare ^{1 2 4}.
- World War I was one of the deadliest wars in history, with an estimated 16 million military and civilian deaths. More than 65 million men were mobilized, and about 10 million soldiers were killed or wounded ^{1 2 3}.
- World War I was also known as the Great War, the War to End All Wars, and the First World War. It was called the World War or the Great War until World War II broke out in 1939 ^{1 2}.
- World War I had a profound impact on the world, politically, economically, socially, and culturally. It led to the collapse of four empires (Austro-Hungarian, German, Ottoman, and Russian), the rise of new nations and ideologies (such as communism, fascism, and nationalism), the creation of the League of Nations (the precursor to the United Nations), and the emergence of the United States as a global power ^{1 2 3}.
- World War I also influenced the arts and literature, as many writers expressed

Stop Responding

New topic

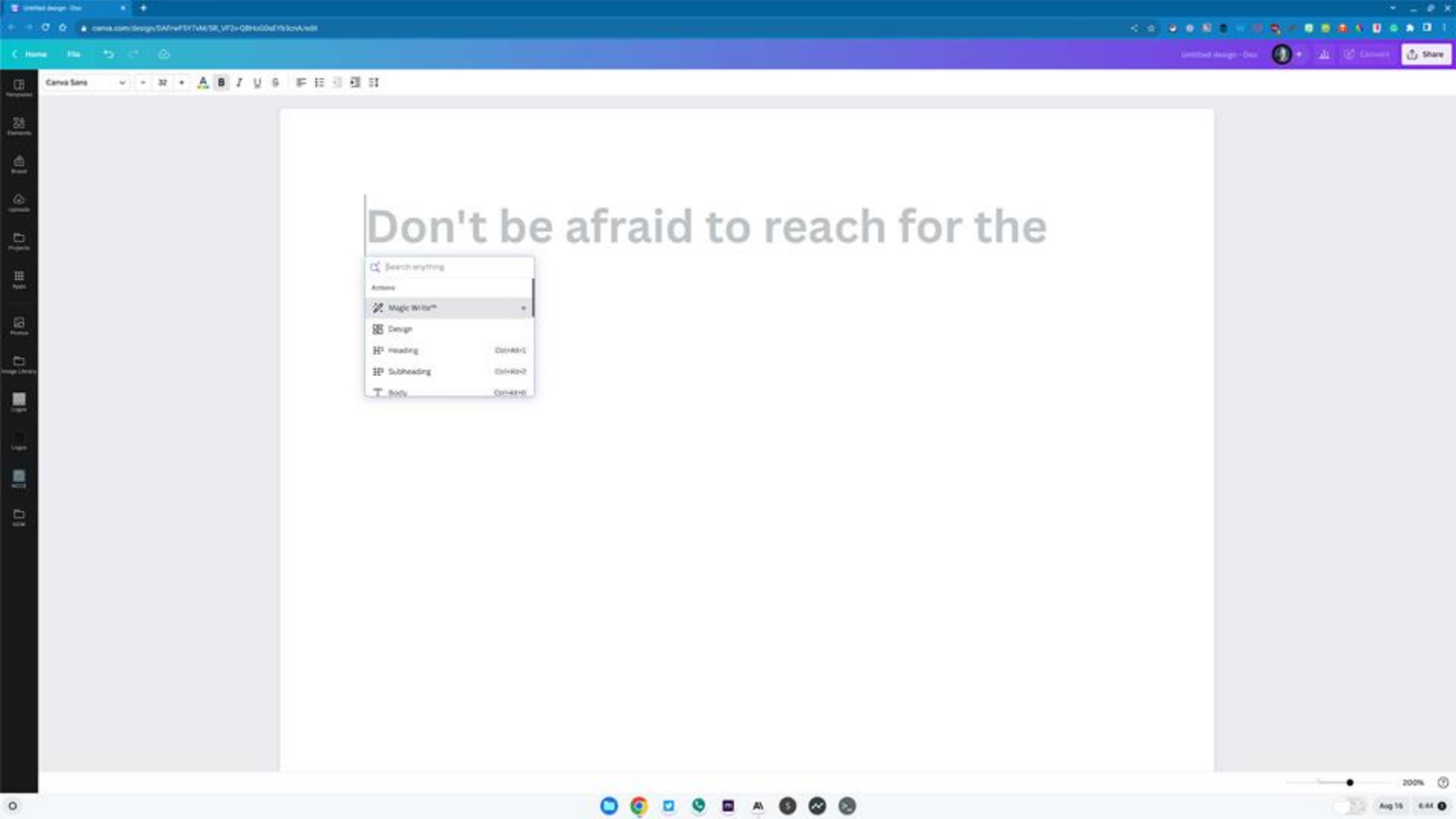
Ask me anything... 0/4000

Feedback



Don't be afraid to reach for the
stars.

— Ellen Ochoa



Don't be afraid to reach for the

Search anything

Actions

Magic Writer™

Design

Heading (Dn48-1)

Subheading (Dn48-2)

Body (Dn48-0)

Write a five paragraph essay on why teachers should not fear AI.

With the increasing development of Artificial Intelligence (AI), many teachers are worried about the potential of machines replacing them in the classroom. However, these fears are unfounded and teachers should not be afraid of AI. In fact, AI can have a positive impact on education and enhance the role of teachers in the classroom. In this essay, I will explain why teachers should not fear AI.

Firstly, AI can take on the more repetitive and time-consuming tasks in the classroom, such as grading multiple-choice tests. This frees up teachers' time to focus on more important aspects of teaching, such as lesson planning, individual student assessment, and personal interaction with students. Teachers can use AI as a tool to help them become more effective educators, rather than feeling threatened by it.

Secondly, AI can provide personalized learning experiences for students. With the help of AI, teachers can create personalized lesson plans and activities for each student, taking into account their individual learning styles, abilities, and interests. This way, students can learn at their own pace and in a way that suits them best, while teachers can provide guidance and support when needed.

Thirdly, AI can help teachers identify areas where students are struggling and provide targeted interventions. AI can analyze student data and provide insights into which areas students are struggling with. Teachers can then use this information to provide targeted

Write a five paragraph essay on why teachers should not fear AI.

With the increasing development of artificial intelligence (AI), many teachers are worried about the potential of machines replacing them in the classroom. However, these fears are unfounded and teachers should not be afraid of AI. In fact, AI can have a positive impact on education and enhance the role of teachers in the classroom. In this essay, I will explain why teachers should not fear AI.

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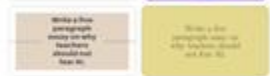
Choose a design with

Create my presentation

Your brand See more >

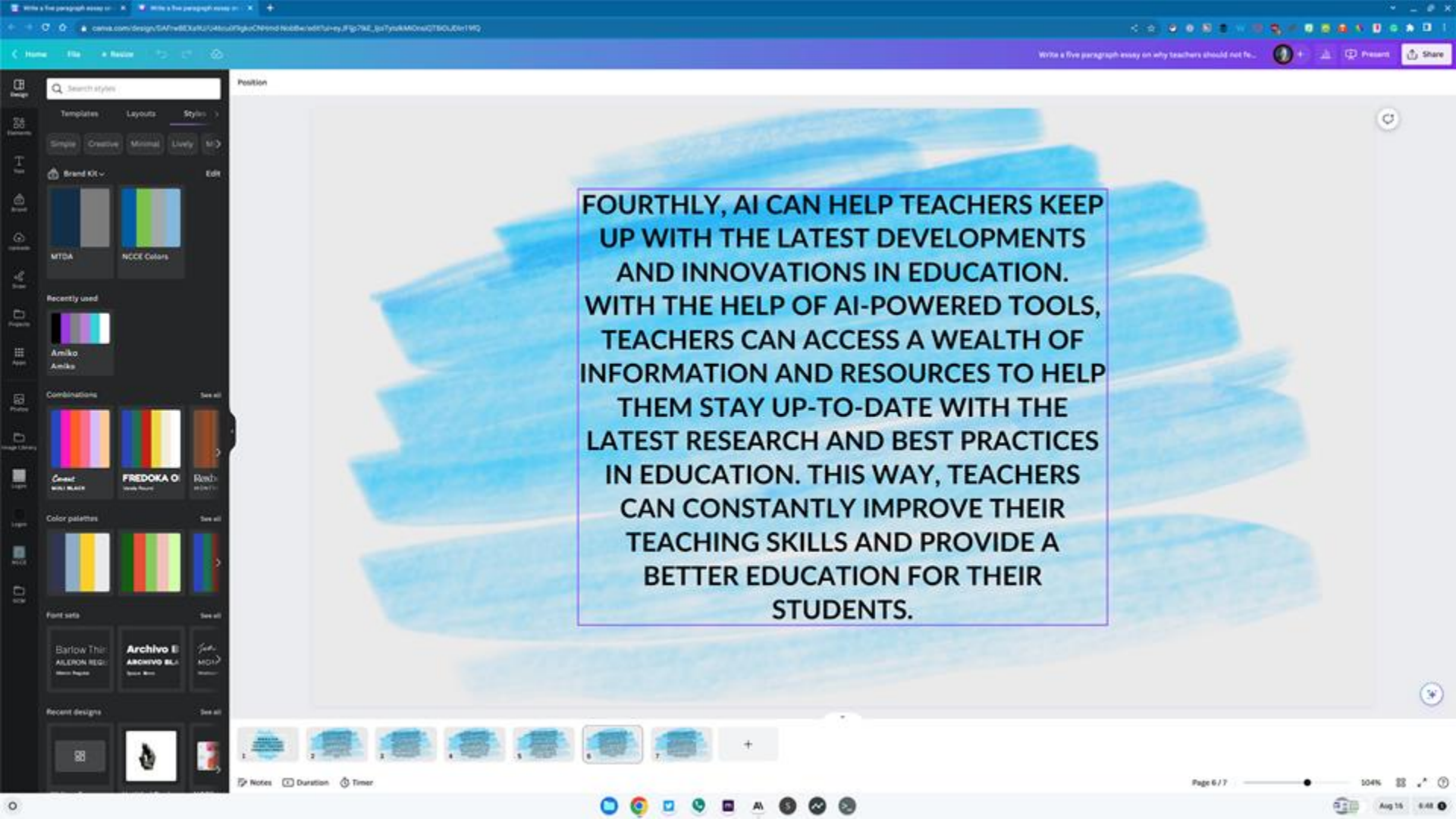


Template styles

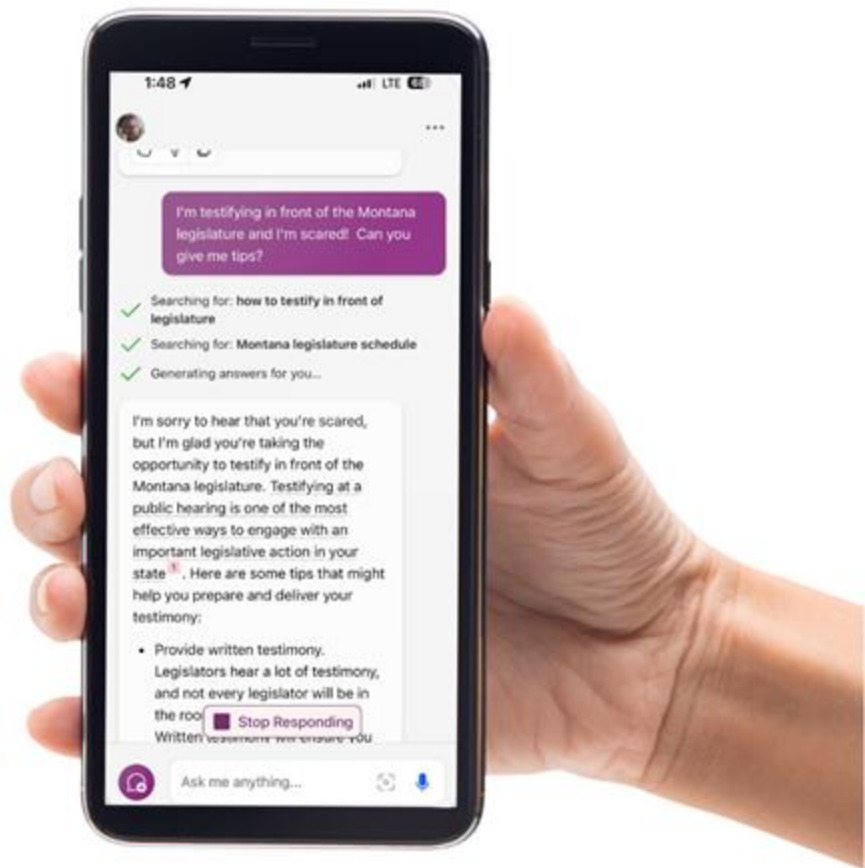


WRITE A FIVE PARAGRAPH ESSAY ON WHY TEACHERS SHOULD NOT FEAR AI.

WITH THE INCREASING DEVELOPMENT OF ARTIFICIAL INTELLIGENCE (AI), MANY TEACHERS ARE WORRIED ABOUT THE POTENTIAL OF MACHINES REPLACING THEM IN THE CLASSROOM. HOWEVER, THESE FEARS ARE UNFOUNDED AND TEACHERS SHOULD NOT BE AFRAID OF AI. IN FACT, AI CAN HAVE A POSITIVE IMPACT ON EDUCATION AND ENHANCE THE ROLE OF TEACHERS IN THE CLASSROOM. IN THIS ESSAY, I WILL EXPLAIN WHY TEACHERS SHOULD NOT FEAR AI.



FOURTHLY, AI CAN HELP TEACHERS KEEP UP WITH THE LATEST DEVELOPMENTS AND INNOVATIONS IN EDUCATION. WITH THE HELP OF AI-POWERED TOOLS, TEACHERS CAN ACCESS A WEALTH OF INFORMATION AND RESOURCES TO HELP THEM STAY UP-TO-DATE WITH THE LATEST RESEARCH AND BEST PRACTICES IN EDUCATION. THIS WAY, TEACHERS CAN CONSTANTLY IMPROVE THEIR TEACHING SKILLS AND PROVIDE A BETTER EDUCATION FOR THEIR STUDENTS.



1:48

LTE



I'm testifying in front of the Montana legislature and I'm scared! Can you give me tips?

- ✓ Searching for: how to testify in front of legislature
- ✓ Searching for: Montana legislature schedule
- ✓ Generating answers for you...

I'm sorry to hear that you're scared, but I'm glad you're taking the opportunity to testify in front of the Montana legislature. Testifying at a public hearing is one of the most effective ways to engage with an important legislative action in your state¹. Here are some tips that might help you prepare and deliver your testimony:

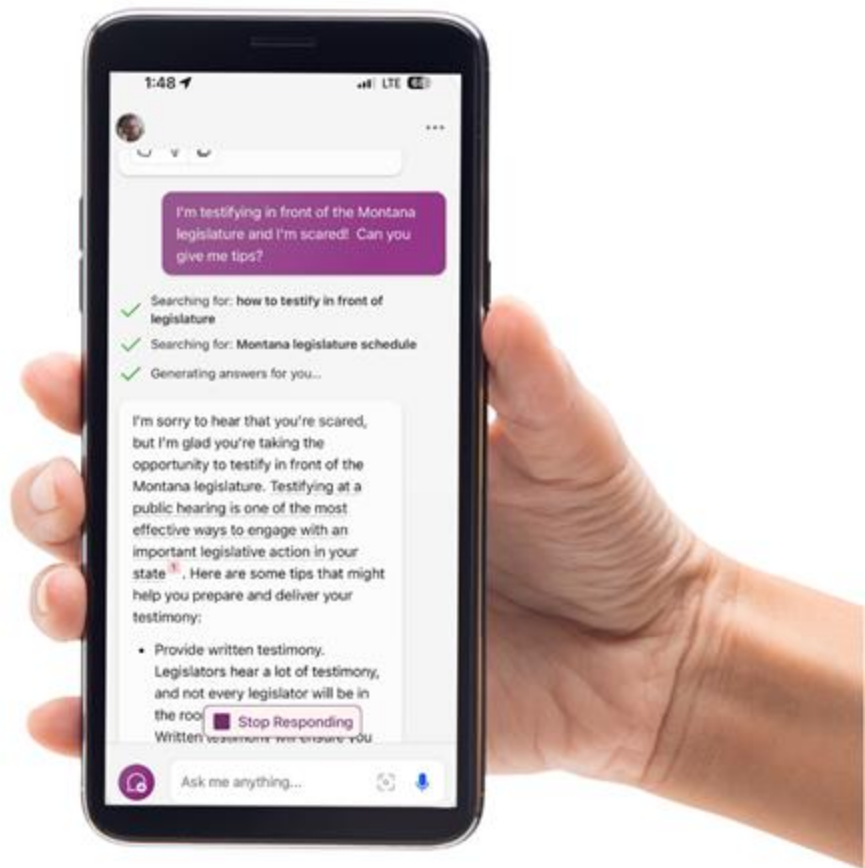
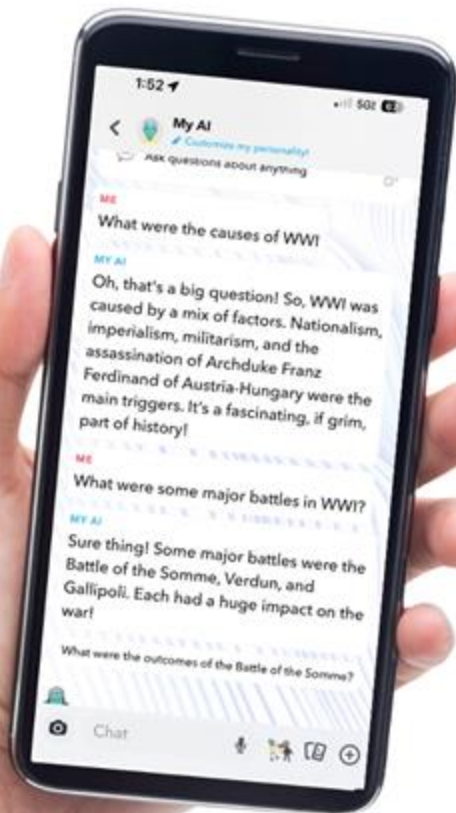
- Provide written testimony. Legislators hear a lot of testimony, and not every legislator will be in the room².

Stop Responding



Ask me anything...





McKinsey Center for Government

Generative AI and the future of work in America

July 2023



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Amy Meltzer
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Olivia White
Peggy Heston
Editor
Lisa Renaud

“With generative AI added to the picture, 30 percent of hours worked today could be automated by 2030.”

FOUR “BIG NUDGES” IN TEACHING & LEARNING TO RESPOND TO G.A.I.



FOUR BIG “NUDGES” IN TEACHING AND LEARNING

1



“SLOW TEACHING” AND “SMALL TEACHING” PROCESSES

“Slow Teaching” movement focuses on quality over quantity.

2



TEACHING & LEARNING WITH “WHY”

Teaching should include a critical component in all lessons: “meta learning,” or learning why and how to learn the way we’re learning.

3



MEDIA AND DATA LITERACY

Media and data literacy has never been more important. We must learn the lessons of the impact of social media on all elements of our culture, politics, and interactions.

4



EVOLVED ASSESSMENT PRACTICES

Assessment should involve critical thinking at every level.

What is Cheating with AI?

Using AI to brainstorm ideas for the paper

Using AI for spell check and grammar assistance

Using AI to check for plagiarism

Using AI to write an outline for the paper

Using AI to provide feedback on how to improve the paper

Using AI to paraphrase portions of your writing

Using AI to summarize content being read for the paper

Using AI to answer questions about the content

Using AI to write a rough draft of the paper

Using AI to find informational sources for the paper

Using AI for feedback on style and tone

Using AI to properly cite and reference sources

Writing the paper yourself with no help from AI

What are acceptable uses of AI when writing a paper?

Having AI write your paper and submitting it as your own work

Acceptable

(With credit to [Matt Miller](#) for inspiration)

Not Acceptable

Yes.

Sure! This is an acceptable use of AI for this assignment, part of the assignment, or learning process.

Maybe.

Eh. Let's talk about this and work together to do this in a way that helps you develop skills.

No.

Sorry, I don't think that works here because X, Y, and Z. Let's do it this way and circle back.

Green.

Sure! This is an acceptable use of AI for this assignment, part of the assignment, or learning process.

Yellow.

Eh. Let's talk about this and work together to do this in a way that helps you develop skills.

Red.

Sorry, I don't think that works here because X, Y, and Z. Let's do it this way and circle back.

Flexible, student-centered learning is more important than ever.



AVOID KNEE-JERK AND “EASY ANSWER” REACTIONS

1



DETECTING?

Most data from 2023 suggests we can not reliably detect AI.

2



BANNING?

There are good, perhaps great, reasons to limit access to some or many AI tools, but, there are everywhere and certainly on our student's personal devices

3



IGNORING?

This technology will absolutely have an impact. We need to guide the future.

4



“WE DON'T NEED STUDENTS TO LEARN WHAT AI CAN DO FOR THEM...”

Learning is SO much more than products.

This is a big shift without
quick-fix answers.



**WHAT CAN AI DO FOR
TEACHING?**



AI EMPOWERS TEACHERS

1



ADAPTATION & PERSONALIZATION

Meet students where they are.

2



PRODUCTIVITY

Free up time to focus on instruction and students.

3



NUANCED DATA ANALYSIS

Quickly identify patterns, gaps, and trends.

4



CREATIVITY

Democratize access to digital resources for creating and producing.

ADAPTATION AND PERSONALIZATION

- Remediation and acceleration
- Individualized learning plans
- Adaptive tutoring
- Curated learning resources



PRODUCTIVITY

- Parent communications
- Lesson planning
- Assessment development
- Streamline administrative tasks



NUANCED DATA ANALYSIS

- Insights into student learning patterns
- Real-time feedback
- Predictive power
- Truly actionable data



CREATIVITY



- Visually rich resources
- Remove technical expertise as a barrier
- Dynamic instruction
- Thought partner

AI tools could help teachers deal with the sometimes overwhelming job in front of them.



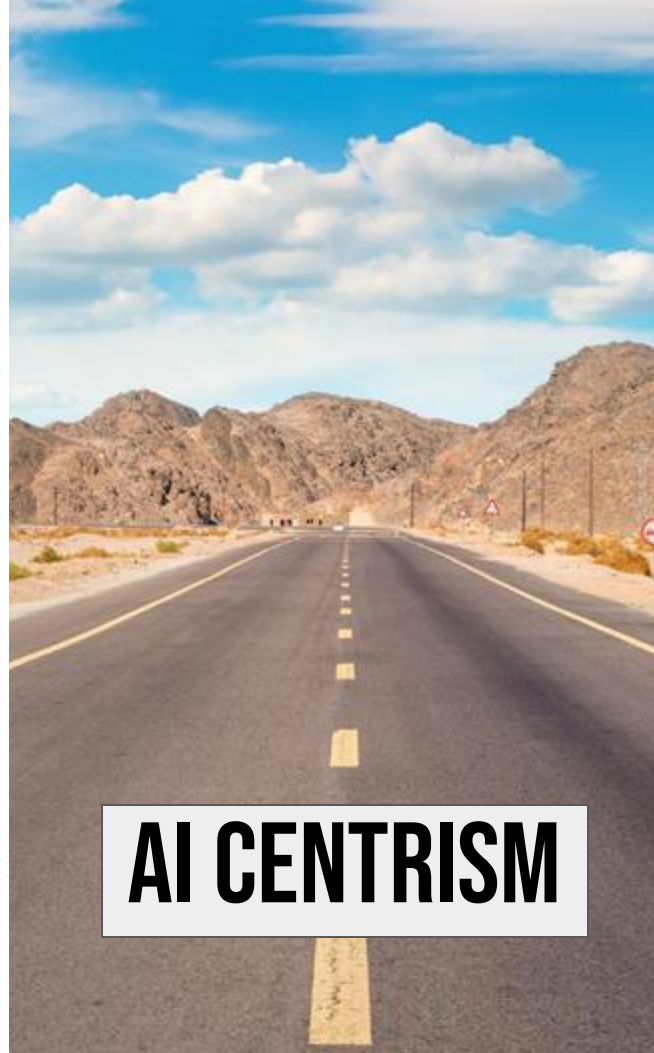
**BACK HOME IN BIG SKY
COUNTRY...**





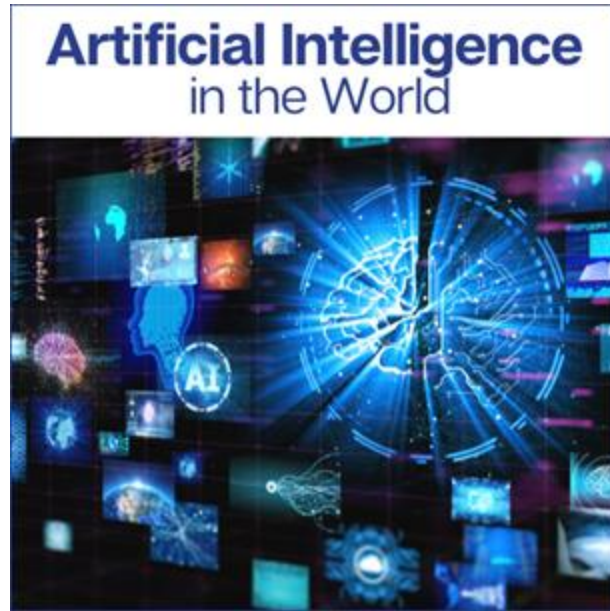
POTENTIAL RISKS OF GOING ALL-IN WITH GENERATIVE AI IN EDUCATION

Inequity In Resource Allocation
Privacy Concerns
Undermining Teacher Expertise
Increased Screen Time
Overemphasis On Metrics
Diminished Critical Thinking
Inadequate Problem Solving Skills
Data Security Risks
Reduced Educational Diversity
Superficial Understanding Of Subjects
Misinterpretation Of Data
Decreased Student Motivation
Limited Teacher Autonomy
Reduced Physical Activity
Lack Of Customized Feedback
Unreliable Technology Dependence
Reduced Creativity
Dehumanization Of Education
Reduced Parental Involvement
Reduced Human Interaction
Technology Access Disparity
Limited Social Skills Development
Oversimplification Of Complex Concepts
Potential For Misinformation
One Size Fits All Learning
Ineffective For Diverse Learners
Bias In Algorithms
Increased Academic Pressure
Exacerbation Of Digital Divide
Reduced Hands On Learning
Lack Of Emotional Support
Unintended Ethical Issues
Cost Barriers For Schools
Over Reliance On Technology



AI CENTRISM

Enhanced Student Engagement
Fostered Student Independence
Effective Learning Interventions
Enhanced Digital Literacy
Interactive Learning Environments
Tailored Educational Content
Culturally Inclusive Education
Advanced Research Capabilities
Automated Administrative Tasks
Data Driven Teaching Strategies
Early Identification Of Issues
Real Time Performance Feedback
Efficient Resource Allocation
Personalized Learning Experiences
Enhanced Collaboration Tools
Support For Diverse Learners
Improved Learning Analytics
Global Learning Opportunities
Accessible Education For All
Scalable Educational Resources
Reduced Educational Inequalities
Adaptive Learning Techniques
Customized Learning Paths
Innovative Teaching Methods
Continuous Learning Improvement
Advanced Simulation Tools
Efficient Grading Systems



Available Fall 2023



Early Pilot Site Spring 2024



MTDA
Montana Digital Academy



MTDA
Montana Digital Academy



MFPE
MONTANA FEDERATION OF PUBLIC EMPLOYEES



MTSBA
Montana School Boards Association

**Planning Guide for AI:
A Framework for School Districts**



MTDA
Montana Digital Academy

PROVIDED IN COLLABORATION WITH



COMING SOON





AI SYMPOSIUM

[AI Symposium Registration](#)

[AI Symposium Schedule](#)

[AI Innovation Working Groups](#)

AI INNOVATION SYMPOSIUM

SAVE THE DATE

January 16, 2024

The University of Montana will hold a one-day symposium to explore the challenges and opportunities posed by artificial intelligence. The goal of the symposium is to establish a cohesive, University-wide AI initiative that:

- Coordinates efforts across departments and disciplines.
- Identifies and implements effective AI solutions to enhance University operations.
- Adapts the UM curriculum to prepare students for an AI-integrated world.
- Fosters an environment where AI is a catalyst for innovation in research.

The symposium is open to faculty, staff, and students. Sessions will run from 9 a.m. - 5 p.m.

[AI Symposium schedule](#)

[Register](#)

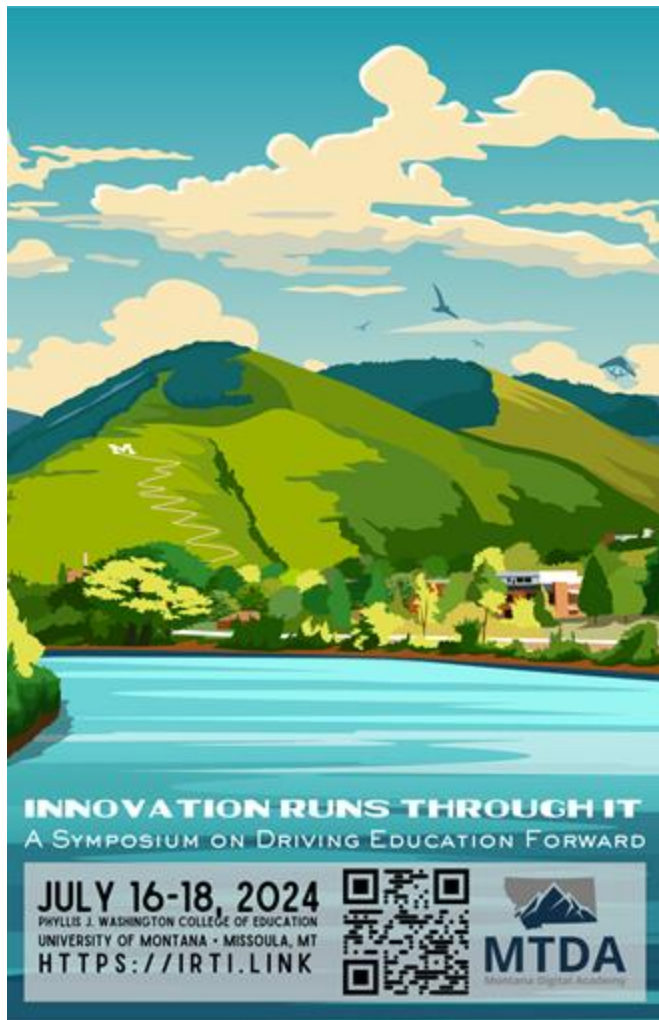


AI EDUCATION LABS



MTDA
Montana Digital Academy






Featuring AI in
Education,
Proficiency-Based
Education, EdReady
for Student
Transitions, Dual
Credit, Online
Learning, and
Blended Learning

HOMEWORK




FIVE THINGS WE WANT YOU TO KNOW BEFORE YOU PLAY WITH AI

- 


1

IT LIES

 - ✓ They call it "hallucinating." Lies is perhaps more illustrative, or at least it "makes things up."
- 


2

IT IS CONFIDENT

 - ✓ Like a super confident 7th grader, AI isn't the *least* bit conflicted with doubt.
- 


3

IT IS BIASED

 - ✓ Garbage in, garbage out.
- 

4

NOT CITED

 - ✓ Coming models are hooked to search engines, but, right not, source citations are made up (see "it lies").
- 

5

UNTESTED

 - ✓ WE are the test subjects of AI.

“GENERATIVE” ARTIFICIAL INTELLIGENCE

Implications for Education

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Executive Director

MIKE AGOSTINELLI, ED.S.

Assistant Director/Curriculum Director

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