Reaching New Audiences with Generative Al



News Illustrations

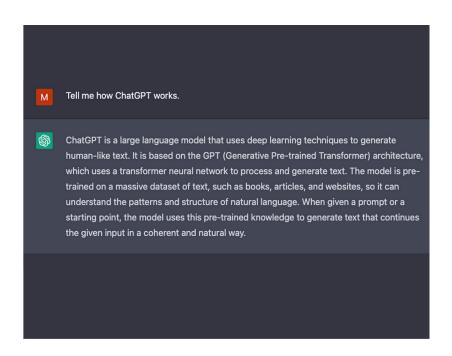


Tweetorial Hooks



News Reels

Al seems to be taking over the world





text images code

Everyone: AI art will make designers obsolete

Al accepting the job:



Al is impressive, but far from perfect

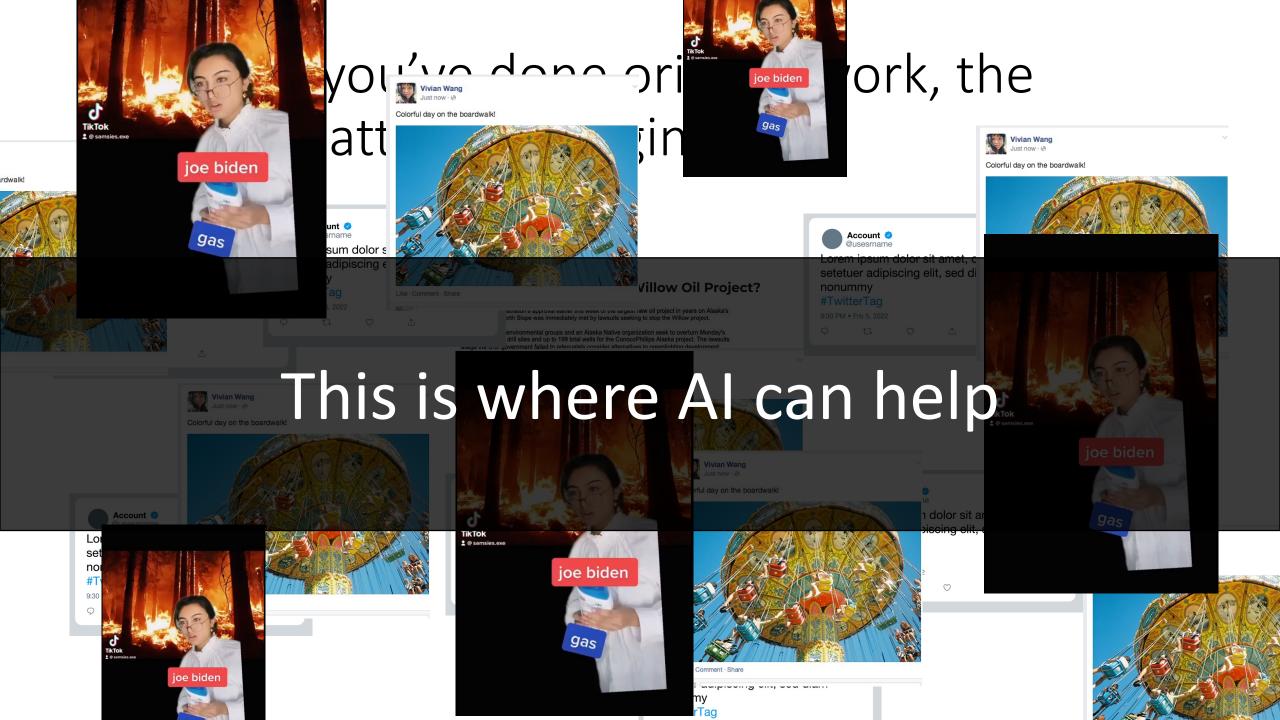


- It doesn't know what's true
- It can't evaluate what outputs will resonate with people
- It's answers are pretty basic summarized from what's already written.
- It can't do fact-based original content
 - No novel scientific research
 - No expert interviews,
 - No investigative research

People are highly trained in the skills and values of producing quality content



This can't be replaced



Given original content, Al can help *transform* it

What's Next for Alaska's Willow Oil Project?

The Biden administration's approval earlier this week of the largest new oil project in years on Alaska's petroleum-rich North Slope was immediately met by lawsuits seeking to stop the Willow project.

Lawsuits filed by environmental groups and an Alaska Native organization seek to overturn Monapproval of three drill sites and up to 199 total wells for the ConocoPhillips Alaska project.

allege the U.S. government failed to adequately consider alternatives to greenlighting devel

WHAT IS THE WILLOW PROJECT?

The 30-year project could produce up to 180,000 barrels of oil a day. That is significant because Alaska's economic fortunes are tied to the boom-and-bust cycles of oil. The flow of oil through the trans-Alask pipeline is a fraction of what it was at its height in the late 1980s.

Willow also is currently the largest proposed oil project on federal lands.

WHERE IS WILLOW?

Willow is on Alaska's remote North Slope, about 600 miles (966 kilometers) north of Anchorage

It is in something called the National Petroleum Reserve-Alaska, which was originally set as ago as an emergency oil supply for the U.S. Navy. The area has been overseen by the U.S. Department since the 1970s, and there has been debate over where development should occur. Biden administration last year limited oil and gas leasing to just over half of the federal lands in the new

Tony Breu @tony_breu · Follow

1/

"Why do my fingers get all wrinkly when I take a bath?" This was the question my 3-year-old daughter asked me recently after bath time.

I thought for a minute, then realized I didn't have a clue.

The explanation is so much cooler than I had expected...

joe biden

create news illustrations for social media

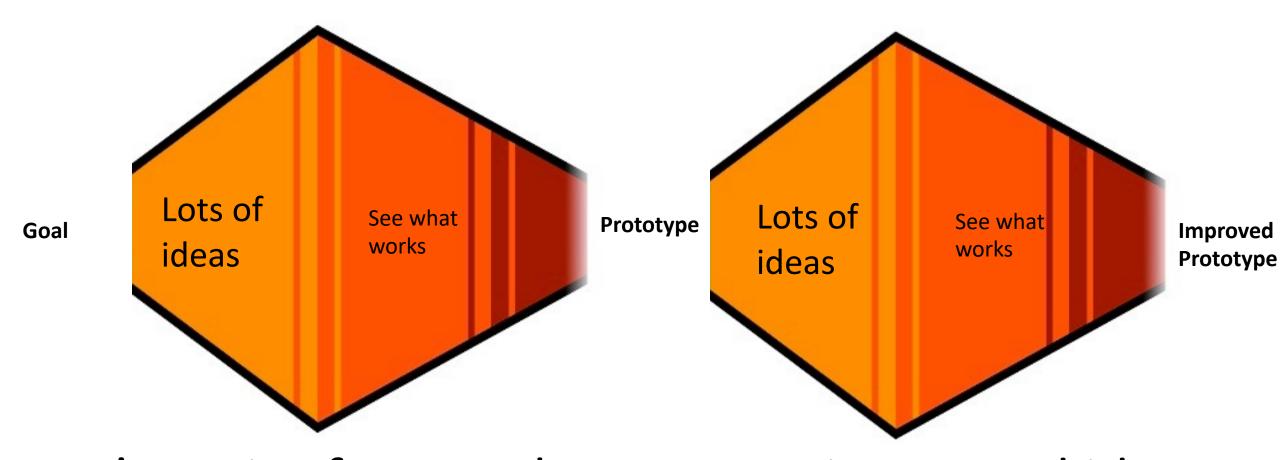
explain science on Twitter

turn a news story into a TikTok reel

How do we structure human-Al collaboration?



Design requires lots of ideas and prototypes



It's easier for people to recognize a good idea, than to generate one.

Human-Al Collaboration

Al can help:

- Explore the design space.
- Provide a good starting point.
- Create many prototypes quickly.

People must:

- Understand the context and goal
- Pick the direction
- Judge the outputs
- Iterate on the direction
- Ensure a cohesive output.



Reaching New Audiences with Gen Al

- News Illustrations
 - Create images for social media

- Science Hooks
 - Motivate science on Twitter

- News Reels
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Art is essential for journalism



Bianca Bagnarelli

What the Future May Hold for the Coronavirus and Us



Somnath Bhatt

What Should Happen to Our Data When We Die?



Courtesy Getty Images

The IRS could owe you an old refund

Eye-catching visuals increase click-through rate

But small newspapers can't afford unique art

By Emma Cho | October 4 at 12:55 AM

How Beyond Barnard is adapting to a changing career landscape After a demands letter garnered over 1,200 signatures, Columbia changed its RA compensation model. Some say it's not enough.



Tips for making the most of the Columbia Center for Career Education By Michelle Zhuang | September 22 at 11:20 PM

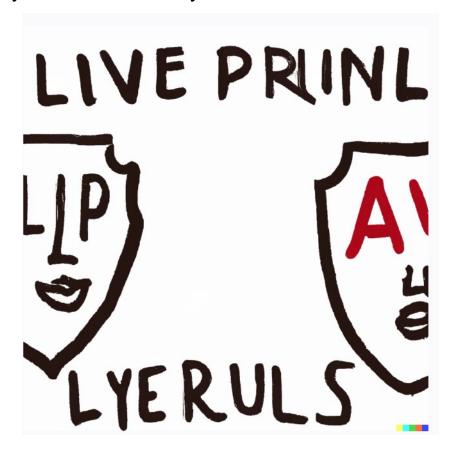


Al Image Generation is impressive!



But also limited – really have to tell it what you want...

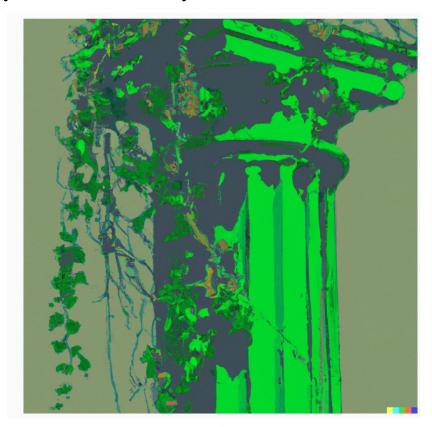
Ivy League students are not who you think they are, Mr. President



We need specific description of art to represent the headline

A structure for image prompts is "{SUBJECT} in the style of {STYLE}"

Ivy League students are not who you think they are, Mr. President



Subjects can be keywords from headlines

ARTICLE: Student financial crises



PROMPT: "credit card student in the style of glitch art"

ARTICLE: Getting COVID in a movie theater

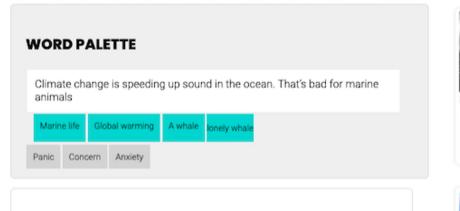


PROMPT: "movie theater bonfire in the style of art deco"

Subjects can be related to the tone of the article



Opal: GPT + Dall-E for News Illustrations



Climate change is speeding up sound in the ocean. That's bad

threatening a fragile balance of noise that many marine species

Modeling a new future "soundscape," researchers found this effect across the world's oceans, but particularly in two glaring hotspots: the northwestern Atlantic, and the Greenland Sea. They predicted that the phenomenon could contribute to "the impending

GET KEYWORDS

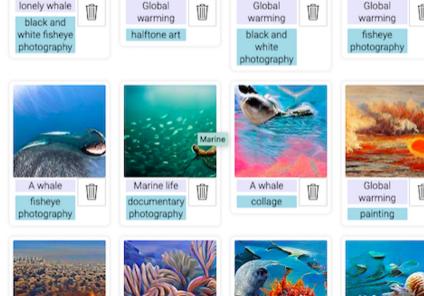
require to carry out essential communication for survival.

risk of biodiversity loss at global scale."

Adding to that list of dangers, a new study suggests that ocean warming could also accelerate the speed of sound underwater,

INPUT ARTICLE

for marine animals

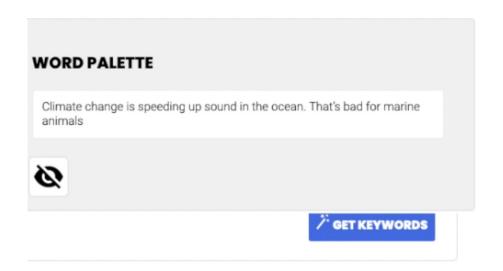


A whale

warming

collage

1. Use GPT to generate keywords from article.









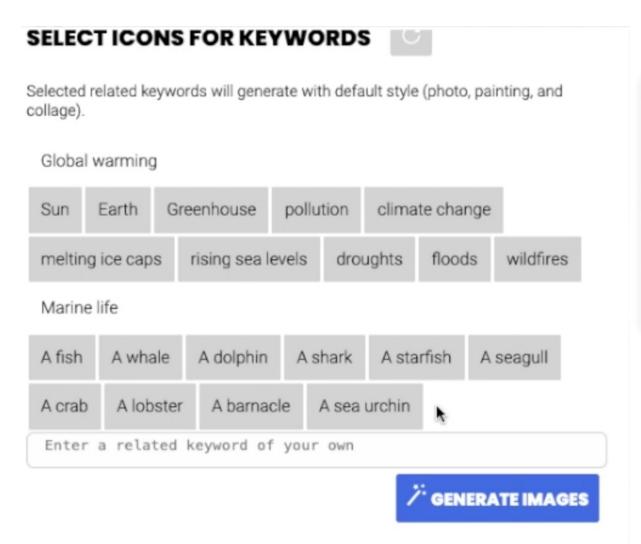








2. Use GPT to generate concrete nouns for keywords

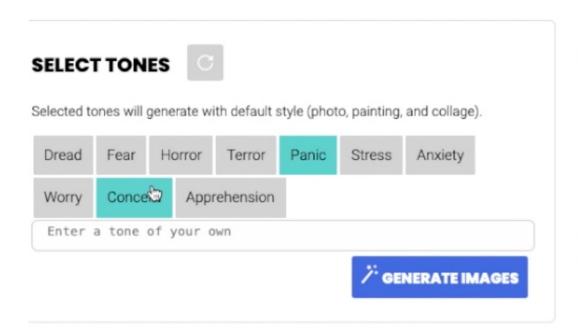








3. Use GPT to generate tones for articles

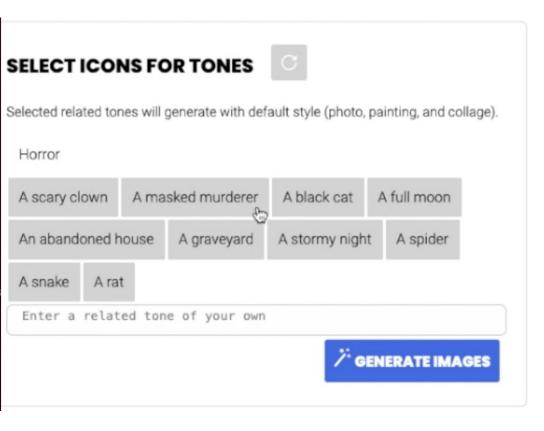








4. Use GPT to generate concrete nouns for tones



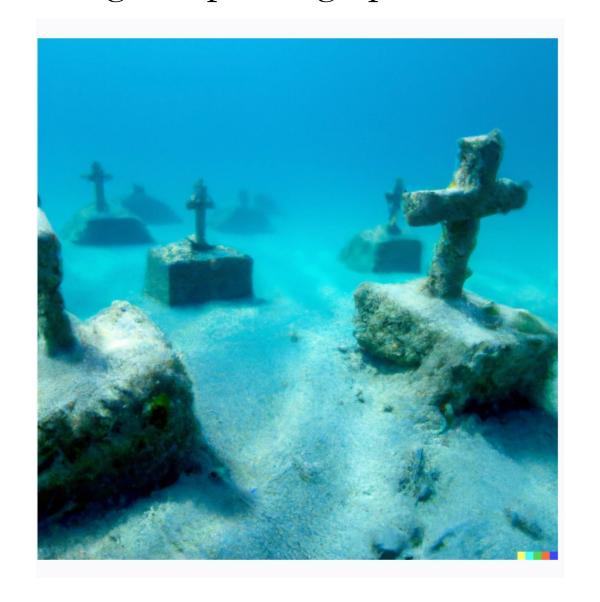








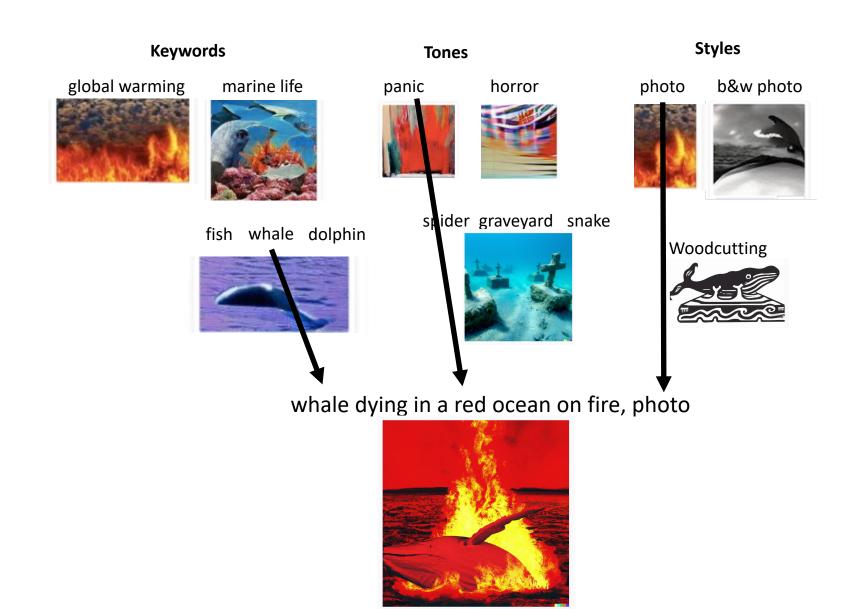
Climate change is speeding up sound in the ocean.



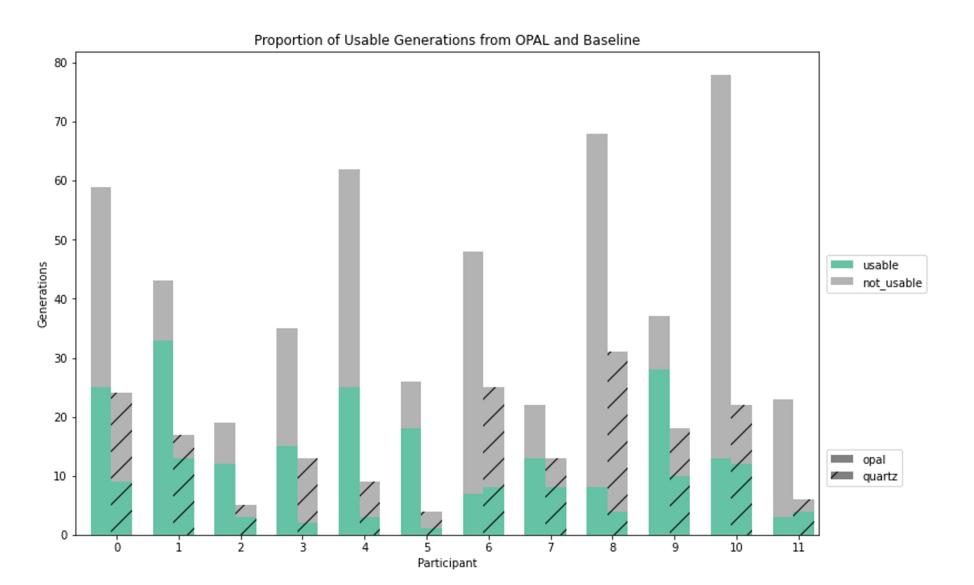
Climate change is speeding up sound in the ocean.



A final image is often a combination of visual ideas



With Opal, users found 2x more usable outcomes than with just generative Al.



Me, TV, and COVID-19



Hyrule, Heroics and Healing



Why Metternich Matters



News Illustrations: Human-Al Collaboration

Al can:

- Explore concrete subjects and styles to represent the headline
- Generate many images

People must:

- Pick the relevant subjects and styles
- Judge the image outputs
- Iterate based on judgement
- Select the ultimate prompt to generate an appropriate image

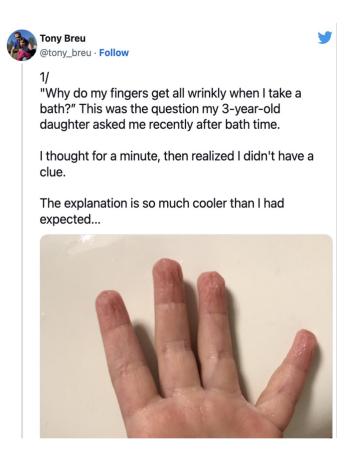


Reaching New Audiences with Gen Al

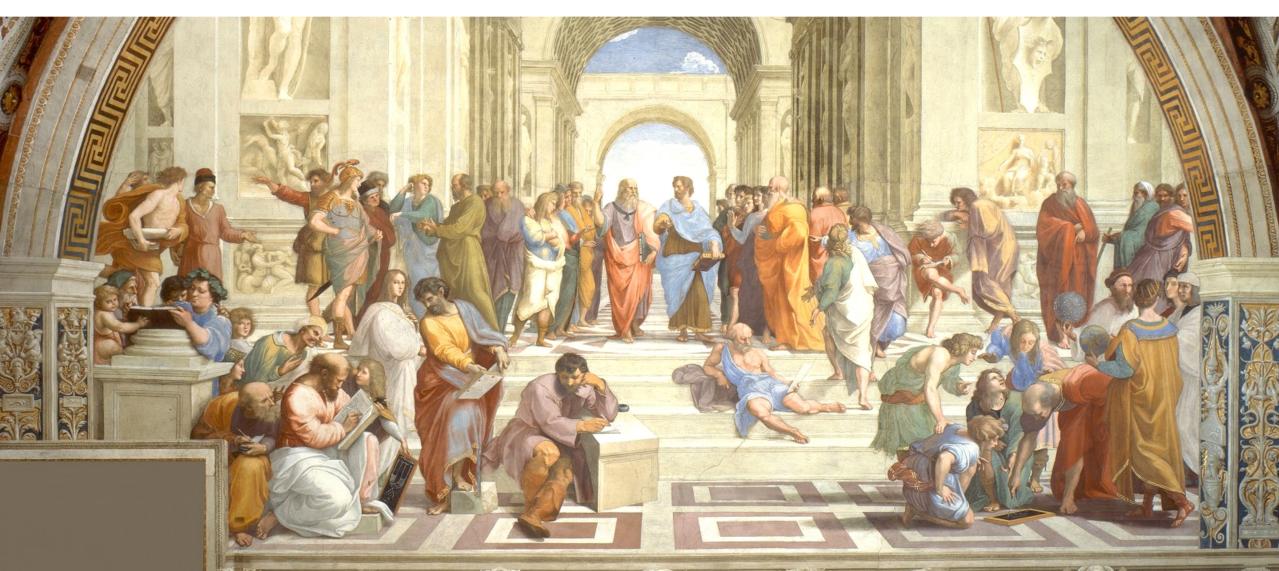
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 - Motivate science on Twitter

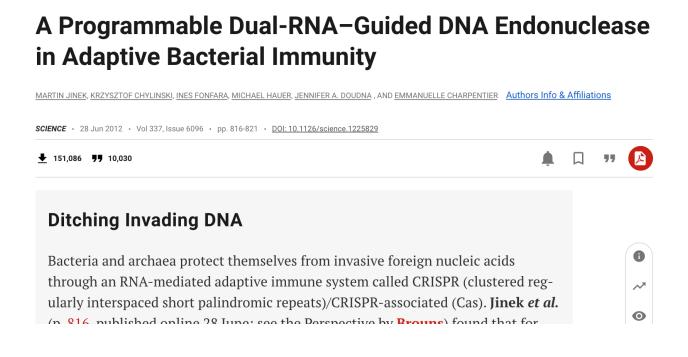
- News Reels
 - Turn news into TikTok videos



Communicating science to the public is important to democracy



But scientists are trained to talk to other scientists, not the public



- Long
- Jargon
- Complex
- In a "foreign language"
- (Often behind a pay wall)

Many scientists would like to explain their work to the public but don't know how



"Why do my fingers get all wrinkly when I take a bath?" This was the question my 3-year-old daughter asked me recently after bath time.

I thought for a minute, then realized I didn't have a clue.

The explanation is so much cooler than I had expected...



6:52 PM · Jul 11, 2018

Read the full conversation on Twitter



Thread



Tony Breu @tony_breu · Jul 11, 2018

Let me throw a version of my daughter's question out to you:

Which of the following contributes to "water immersion wrinkling"?

Water moves out of hand 24.2% Sodium moves out of hand 26.8%

25.7% Vasoconstriction Cold-induced retraction 23.3%

24,647 votes · Final results

L 18

♡ 50



Tony Breu @tony_breu · Jul 11, 2018

For 40 years, I have observed, like my daughter, that my fingers look like prunes after being in water. I've assumed that they lost water (became dehydrated), just like prunes!

But, that can't be. When I submerge my hand in water, I'm placing it into a hypotonic solution.

1 8



Tony Breu @tony_breu · Jul 11, 2018

Reminder:

Plasma osmolality: ~285 mOsm/kg Water osmolality: ~0 mOsm/kg

If anything, water should flow IN and make my fingertips MORE swollen.

L] 10

(7) 131

1



(i)

Tony Breu @tony_breu · Jul 11, 2018

It's true that water enters fingers after immersion. The portals of entry are likely sweat glands (which are highly concentrated in the hands).



an emerging format for explaining complex STEM concepts on Twitter.

Tweetorial



Read 91 replies

The hardest part is writing a "hook" to grab readers' attention and motivate the topic in 1 tweet



"Why do my fingers get all wrinkly when I take a bath?" This was the question my 3-year-old daughter asked me recently after bath time.

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The explanation is so much cooler than I had expected...



Read the full conversation on Twitter

No jargon!

Relatable stories

Sparks curiosity

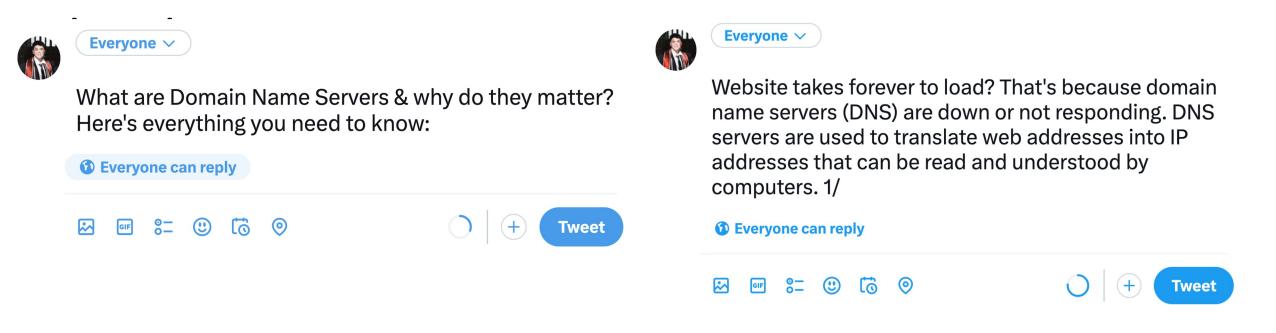


I've been watched the landscape of my childhood burn with an aching heart, and wondering how much climate change is to blame. Turns out human activity is a major driver of California's wildfires, but not just in the ways you might imagine. (pic: Noah Berger) 1/10



9:51 AM · Nov 21, 2019

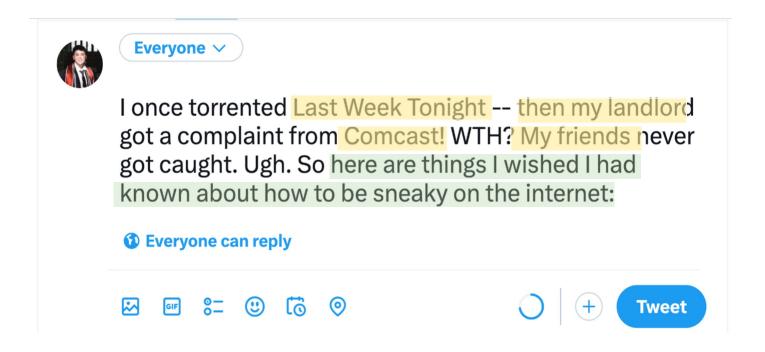
People struggle to write engaging



Not relatable

Doesn't spark curiosity

Good Example





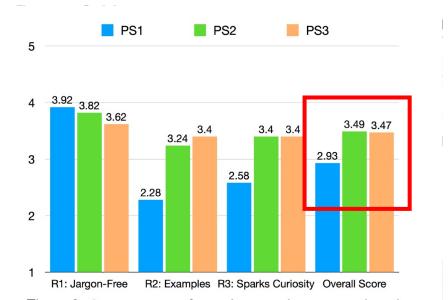




Unfortunately, GPT can't write hooks on it's own.

Back End

Have you ever wanted to keep your data secure and away from prying eyes? You might not realize it, but controlling access to your accounts is just as important as data privacy. But how can you do this? My recent experience with Amazon Web Services' Identity and Access Management feature has shown me the power of properly managing back end access. Let's discover more! 1/



- Example is off topic.
- Lacks specificity in experiences.
- Not quite targeted at general audience.

• Overall, 3.5 / 5

Human + Al Hook Writing System

tweetorial topic	Generate Everyday Examples
Step 2: Generate Common Experiences.	
Please enter your favorite everyday example here.	
your favorite everyday example	Generate Common Experiences
No. 2. Community Demonstration	
Step 3: Generate Personal Anecdotes.	
•	
Please enter your favorite common experience here.	Generate Personal Anecdotes
Please enter your favorite common experience here.	Generate Personal Anecdotes
Please enter your favorite common experience here.	
Step 3: Generate Personal Anecdotes. Please enter your favorite common experience here. your favorite common experience Step 4: Generate a More Specific Anecdot Please enter your favorite personal anecdote here.	

Step 1: Please Input the Topic.

VPN Generate Everyday Examples

Here are 5 everyday examples about that:

- 1. Connecting to a work office server from home
- 2. Using a public Wi-Fi connection in a restaurant or cafe
- 3. Accessing a video streaming service while traveling abroad
- 4. Keeping your web browsing anonymous and secure
- 5. Securing data while using a shared or public network

Step 4: Generate a More Specific Anecdote.

Please enter your favorite personal anecdote here.

While I was connected to my company's VPN, I received an alert that told me there was a phishing attempt on our secure network. As soon as I saw the warning, I immediately disconnected the VPN and notified my colleagues about the potential threat..

Generate A Specific Anecdote

Then, here is the specific version of it:

I also contacted our IT team to help us combat the phishing attempt. While I was logged into my company's secure network via the virtual private network (VPN), I received an alert notifying me of a suspicious phishing email that had been sent to one of our employees. Immediately, I disconnected the VPN and reached out to my colleagues to warn them of the potential threat. I then contacted our IT team to assist in gathering more information and developing a strategy to combat the attack.

Step 6: Write Yourself a Final Hook.

Please check all these info above and use them to write yourself a final hook below:

[URGENT DATA REQEST] Have you ever received a suspicious email that could have threatened your security ? What is the best way to protect yourself against these threats!!! I've got the answer - Virtual Private Networks (VPNs)! Read on to see how they work and why they are important for online security. #onlineprotection #VPNs 1/

Submit!

User Study

- 10 users, 1.5 hours each
 - introduction about the task and the system
 - 6 rounds of hook writing tasks, 3 with system and 3 without
 - fill out 6 NASA TLX forms and semi-structured interviews

Result 1: LLMs ease the writing process.

Less mentally demanding:

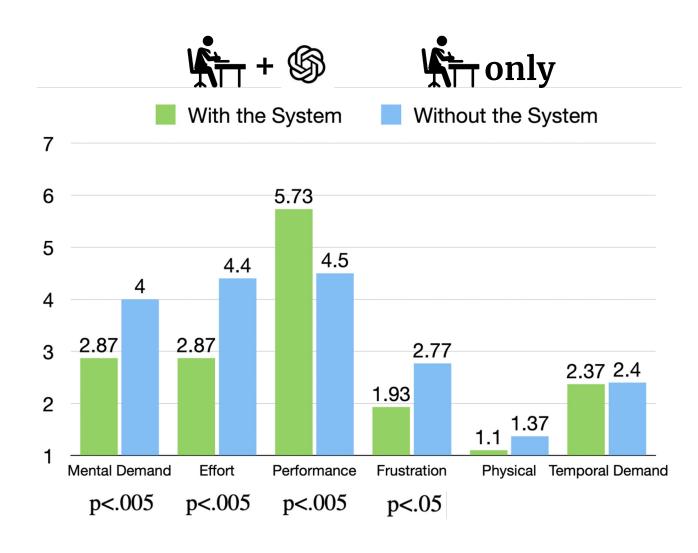
Help brainstorm, Ease the process to simplify language into digestible terms that more people could understand, Find more good examples,

Less Effort:

Less search on google, less time, easy to edit

Better Performance:

Create better hooks, more confident and satisfied



Hooks (without system vs with system)

Topic: Cybercrime

Without System

These days computers are a huge part of our lives- what illegal activities could be going on within our computers? In this thread, we will be exploring cybercrime, and what this could mean for our online safety. 1/

With System

Have you ever received a call out of the blue from someone claiming to be from your bank, asking for your personal information? After this happened to me recently, I wondered what other kinds of cybercrime exist and how someone like me can protect themselves? Here's what I found out:

Result 2: User still need to make edits for requirements and personal styles.

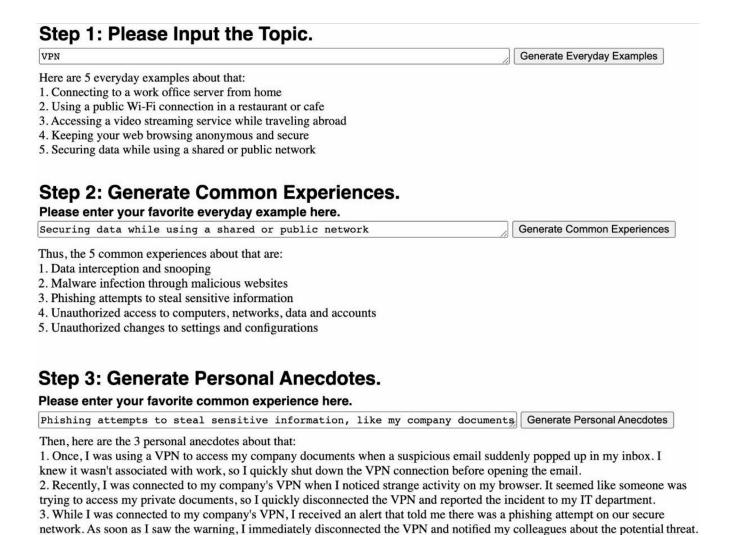
1. Edit for requirements:

- Remove jargon
- Edit anecdote to make it true to their experience
- Add specifics to the anecdote
- Increase curiosity with more exaggeration

2. Rewrite in their own voice: word-level, tone, emojis

- Split long sentences for easier reading
- Insert emojis for tone and personal style
- Delete filler words that sounded unnatural

Science Hooks: Motivate science on Twitter



Tweetorial Hooks: Human-Al Collaboration

Al can:

- Explore everyday examples of a topic.
- Suggest relatable experiences
- Provide sample text with no jargon to get them started.

People must:

- Verify the applications are relevant to the topic
- Verify the anecdotes will resonate
 with the general public
- Iterate on anecdote to be true to their experience
- Rewrite text in their own "voice"



Reaching New Audiences with Gen Al

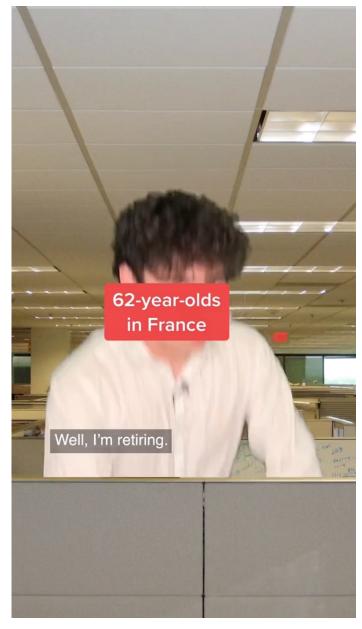
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"News Reels" deliver news by acting it out



- News reels are an **emerging format** of sharing news on **social media**.
- Many news publishers are embracing this format to engage with younger audiences.
- They are:
 - short
 - fast-paced
 - story-driven
 - colloquial
 - fun

News Reel Challenge: Balance between entertainment and information

- People (not AI) are crucial in making these decisions
 - GPT doesn't know what the audience will find engaging
 - And can't judge what's an appropriate script for a story
- But GPT can provide options for different degrees of infotainment
 - People can tweak and evaluate each one to see if it fits.

Three options for "infotainment" in scripts:

- Expository Dialog: (low entertainment)
 - An expert explains the story to a newcomer
- Re-enactments (medium entertainment)
 - Two characters reenact the story
- Comedic Analogy (high entertainment)
 - Two characters acting-out of an amusing situation that is analogous to the news event.
 - For example, an airline merger is like a wedding, where the companies how they met and describe how their new life together will be.

ReelFramer scaffolds the process of transforming print articles into news reels

EUROPE

France protests: What to know as Macron forces a retirement-age hike

By Niha Masih, Rick Noack and Claire Parker

Updated March 18, 2023 at 4:39 p.m. EDT | Published March 17, 2023 at 4:24 a.m. EDT







1. Enter the news article



2. Review extracted info on "where" "who" and "what happened?"

ReelFramer 0. Enter news article Don't lose your credit card. A new one could take months. The global chip shortage is creating supply chain headaches for debit and credit card issuers, particularly credit unions. When Ed Delaney contacted his credit union in early November to get a Edit Submit 1. Extract news information Get news info Where: United States Who: Ed Delaney He contacted his credit union in early November to get a credit card issued for his wife. Lewis Black He is the CEO of one of the largest producers of tungsten concentrate, a semiconductor component.

Patrick Penfield

Credit Union

Consumer

He is a professor of supply chain practice at Syracuse University.

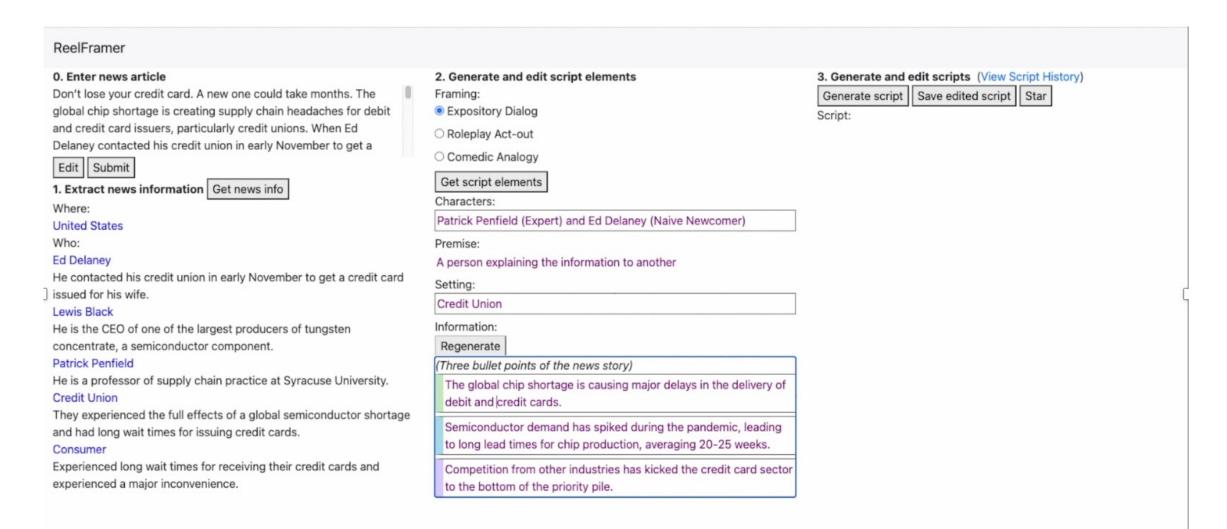
Experienced long wait times for receiving their credit cards and

and had long wait times for issuing credit cards.

experienced a major inconvenience.

They experienced the full effects of a global semiconductor shortage

3. Explore details for "expository dialog"



4. Generate "Expository Dialog" scripts

ReelFramer 0. Enter news article 2. Generate and edit script elements Don't lose your credit card. A new one could take months. The Framing: global chip shortage is creating supply chain headaches for debit Expository Dialog Script: and credit card issuers, particularly credit unions. When Ed O Roleplay Act-out Delaney contacted his credit union in early November to get a O Comedic Analogy Edit Submit Get script elements 1. Extract news information | Get news info Characters: Where: Patrick Penfield (Expert) and Ed Delanev (Naive Newcomer) United States Who: Premise: Ed Delaney A person explaining the information to another He contacted his credit union in early November to get a credit card Setting: issued for his wife. Credit Union Lewis Black

He is the CEO of one of the largest producers of tungsten concentrate, a semiconductor component.

Patrick Penfield

He is a professor of supply chain practice at Syracuse University.

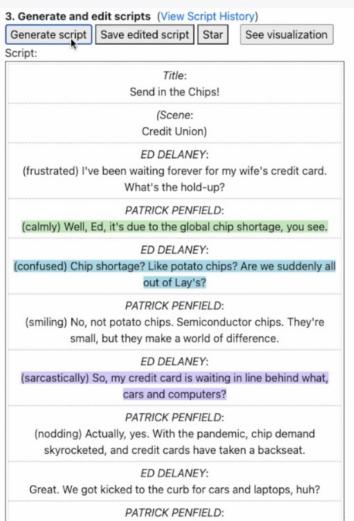
Credit Union

They experienced the full effects of a global semiconductor shortage and had long wait times for issuing credit cards.

Consumer

Experienced long wait times for receiving their credit cards and experienced a major inconvenience.

Information: Regenerate (Three bullet points of the news story) The global chip shortage is causing major delays in the delivery of debit and credit cards. Semiconductor demand has spiked during the pandemic, leading to long lead times for chip production, averaging 20-25 weeks. Competition from other industries has kicked the credit card sector to the bottom of the priority pile.



5. Explore details for "Reenactments"

ReelFramer 0. Enter news article 2. Generate and edit script elements 3. Generate and edit scripts (View Script History) Don't lose your credit card. A new one could take months. The Framing: Generate script | Save edited script | Star See visualization global chip shortage is creating supply chain headaches for debit O Expository Dialog and credit card issuers, particularly credit unions. When Ed Roleplay Act-out Delaney contacted his credit union in early November to get a O Comedic Analogy Edit Submit Get script elements 1. Extract news information | Get news info Characters: Where: Patrick Penfield (Expert) and Ed Delaney (Naive Newcomer) **United States** Who: Premise: Ed Delaney A person explaining the information to another He contacted his credit union in early November to get a credit card Setting: issued for his wife. Credit Union Lewis Black He is the CEO of one of the largest producers of tungsten Information: concentrate, a semiconductor component. Regenerate Patrick Penfield (Three bullet points of the news story) He is a professor of supply chain practice at Syracuse University. The global chip shortage is causing major delays in the delivery of Credit Union debit and credit cards. They experienced the full effects of a global semiconductor Semiconductor demand has spiked during the pandemic, leading shortage and had long wait times for issuing credit cards. to long lead times for chip production, averaging 20-25 weeks. Consumer Experienced long wait times for receiving their credit cards and Competition from other industries has kicked the credit card experienced a major inconvenience. sector to the bottom of the priority pile.

5. Generate Scripts for "Reenactments"

ReelFramer

0. Enter news article

Don't lose your credit card. A new one could take months. The global chip shortage is creating supply chain headaches for debit and credit card issuers, particularly credit unions. When Ed Delaney contacted his credit union in early November to get a



1. Extract news information | Get news info

Where:

United States

Who:

Ed Delaney

He contacted his credit union in early November to get a credit card issued for his wife.

Lewis Black

He is the CEO of one of the largest producers of tungsten concentrate, a semiconductor component.

Patrick Penfield

He is a professor of supply chain practice at Syracuse University.

Credit Union

They experienced the full effects of a global semiconductor shortage and had long wait times for issuing credit cards.

Consumer

Experienced long wait times for receiving their credit cards and experienced a major inconvenience.

2. Generate and edit script elements

Framing:

- O Expository Dialog
- Roleplay Act-out
- O Comedic Analogy

Get script elements

Characters:

Patrick Penfield (Expert) and Ed Delaney (Naive Newcomer)

Premise:

A person explaining the information to another

Setting:

Credit Union

Information:

Regenerate

(Three bullet points of the news story)

The global chip shortage is causing major delays in the delivery of debit and credit cards.

Semiconductor demand has spiked during the pandemic, leading to long lead times for chip production, averaging 20-25 weeks.

Competition from other industries has kicked the credit card sector to the bottom of the priority pile.

3. Generate and edit scripts (View Script History) Generate script Save edited script Star See visualization Script: [INT. CREDIT UNION - DAY] ED DELANEY (excited): I'm finally here to pick up my new credit card!

PATRICK PENFIELD (smiling):

Hold on, Ed. Due to the global chip shortage, it'll take a while.

ED (confused):

Chip shortage? Are we talking about potato chips?

PAT (chuckling):

No, Ed. Semiconductors. Their demand spiked during the pandemic.

ED (amazed):

You mean like those in computers and smartphones?

PAT

That's right. Lead times are now up to 20-25 weeks compared to 10-14 weeks before.

ED (groaning):

So my credit card is at the bottom of the priority list?

PAT (nodding):

Afraid so. Competition from other industries pushed us down there.

ED (disappointed):
I guess I'll just have to wait.

PAT:

Patience is a virtue, my friend.

6. Regenerate script for Reactment

ReelFramer

0. Enter news article

Don't lose your credit card. A new one could take months. The global chip shortage is creating supply chain headaches for debit and credit card issuers, particularly credit unions. When Ed Delaney contacted his credit union in early November to get a



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They experienced the full effects of a global semiconductor shortage and had long wait times for issuing credit cards.

Consumer

Experienced long wait times for receiving their credit cards and experienced a major inconvenience.

2. Generate and edit script elements

Framing:

- O Expository Dialog
- Roleplay Act-out
- O Comedic Analogy

Get script elements

Characters:

Credit Union and Consumer

Premise:

Key stakeholders acting out what happens -

The global chip shortage is causing delays in issuing credit and debit cards, particularly for credit union members, with wait times of six weeks or more becoming common, compared to previous five to ten-day turnarounds.

Setting:

Credit Union

Information:

Regenerate

(Three bullet points of the news story)

The global chip shortage is causing major delays in the delivery of credit cards.

Semiconductor demand has spiked during the pandemic, leading to long lead times for chip production, averaging 20-25 weeks.

Competition from other industries has kicked the credit card sector to the bottom of the priority pile.

3. Generate and edit scripts (View Script History)

Generate script Save edited script Star See visualization

Script:

Title:
The Chip-py Wait

INT. CREDIT UNION - DAY

Credit Union (cheerful):
Welcome to the credit union! How may I assist you today?

Credit Union (sympathetic):

Oh dear! Let me check on that for you.

Consumer (frustrated):

My credit card hasn't arrived yet. It's been weeks!

[Credit Union pretends to type on a computer.]

Credit Union (confused):

Huh, looks like there's a global chip shortage causing delays. Funny, right?

Consumer (sarcastic):

Hilarious! So, when can I expect my card?

Credit Union (hopeful):

Well, it's hard to say. Could be another six weeks... or more.

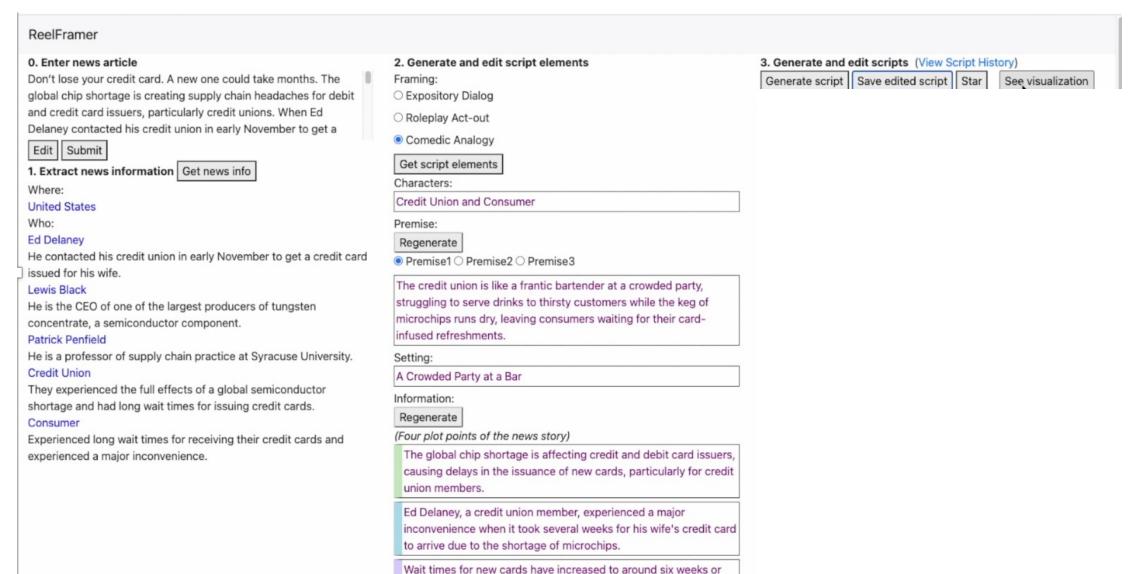
Consumer (disbelieving): What?! You're kidding, right?

Credit Union (laughing):
I wish I was! But hey, look on the bright side...

Consumer (impatient):

What bright side?

7. Explore details for Comedic Analogy



8. Generate Script for Comedic Analogy

ReelFramer 0. Enter news article 2. Generate and edit script elements 3. Generate and edit scripts (View Script History) Don't lose your credit card. A new one could take months. The Framing: Generate script | Save edited script | Star See visualization global chip shortage is creating supply chain headaches for debit Expository Dialog Script: and credit card issuers, particularly credit unions. When Ed O Roleplay Act-out Credit Union: Delaney contacted his credit union in early November to get a (frantically) Hey there, what can I get you today? Comedic Analogy Edit Submit Consumer: Get script elements 1. Extract news information | Get news info Yeah, I'll take a refreshing debit card, please. Characters: Where: Credit Union and Consumer Credit Union: **United States** (nervously) Uh, sure thing... (searches under the counter) Just Who: Premise: gimme a sec... Ed Delaney Regenerate He contacted his credit union in early November to get a credit card Consumer: Premise1 O Premise2 O Premise3 issued for his wife. Is there a problem or something? The credit union is like a frantic bartender at a crowded party, Lewis Black Credit Union: struggling to serve drinks to thirsty customers while the keg of He is the CEO of one of the largest producers of tungsten (panicking) We're a bit low on microchip keg... (whispers) the microchips runs dry, leaving consumers waiting for their cardconcentrate, a semiconductor component. secret sauce behind our card-infused drinks. infused refreshments. Patrick Penfield He is a professor of supply chain practice at Syracuse University. Consumer: Setting: Credit Union (rolling their eyes) Great. How long's the wait gonna be? A Crowded Party at a Bar They experienced the full effects of a global semiconductor Credit Union: Information: shortage and had long wait times for issuing credit cards. (hesitant) Erm, six weeks, maybe more? I promise it's worth the Regenerate Consumer wait! (Four plot points of the news story) Experienced long wait times for receiving their credit cards and The global chip shortage is affecting credit and debit card issuers, Consumer: experienced a major inconvenience. Six weeks? I've been using cocktail napkins for credit! (sarcastic) causing delays in the issuance of new cards, particularly for credit Perfect, just perfect. union members. Credit Union: Ed Delaney, a credit union member, experienced a major (apologetic) Sorry, we're trying our best. Meanwhile, can I interest inconvenience when it took several weeks for his wife's credit card

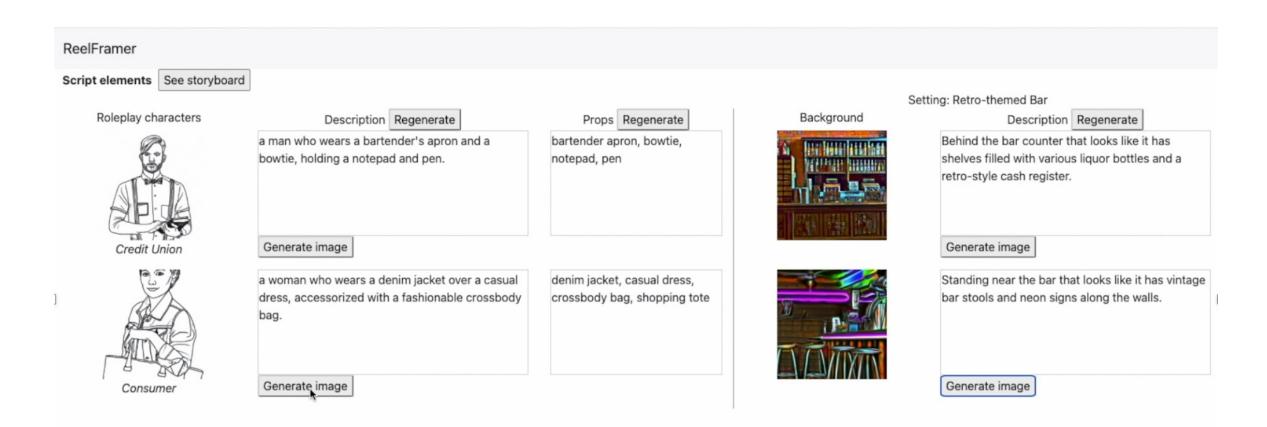
to arrive due to the shortage of microchips.

Wait times for new cards have increased to around six weeks or

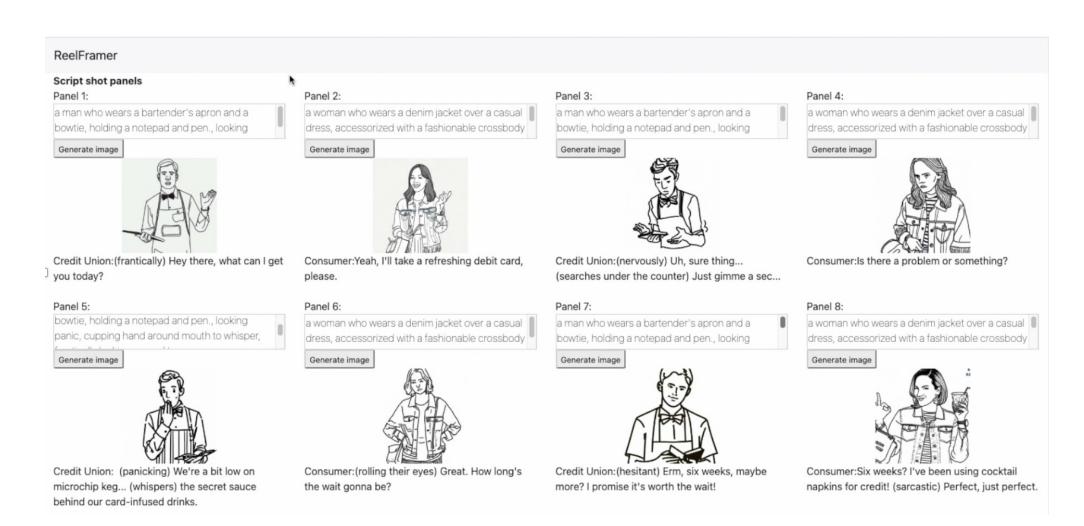
you in this vintage checkbook cocktail?

Consumer:

9. Generate character boards and backgrounds



9. Generate a Storyboard



User study with five journalism students.

What's next for Alaska's Willow oil project?

The Biden administration's approval earlier this week of the largest new oil project in years on Alaska's petroleum-rich North Slope was immediately met by lawsuits seeking to stop the Willow project.

Lawsuits filed by environmental groups and an Alaska Native organization seek to overturn Monday's approval of three drill sites and up to 199 total wells for the ConocoPhillips Alaska project. The lawsuits allege the U.S. government failed to adequately consider alternatives to greenlighting development.

WHAT IS THE WILLOW PROJECT?

The 30-year project could produce up to 180,000 barrels of oil a day. That is significant because Alaska's economic fortunes are tied to the boom-and-bust cycles of oil. The flow of oil through the trans-Alaska pipeline is a fraction of what it was at its height in the late 1980s.

Willow also is currently the largest proposed oil project on federal lands.

WHERE IS WILLOW?

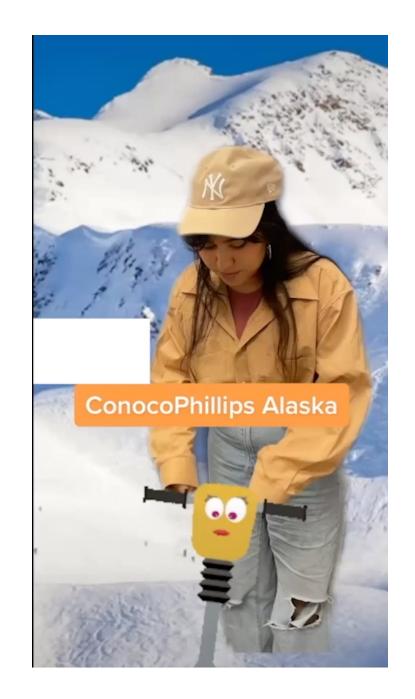
Willow is on Alaska's remote North Slope, about 600 miles (966 kilometers) north of Anchorage.

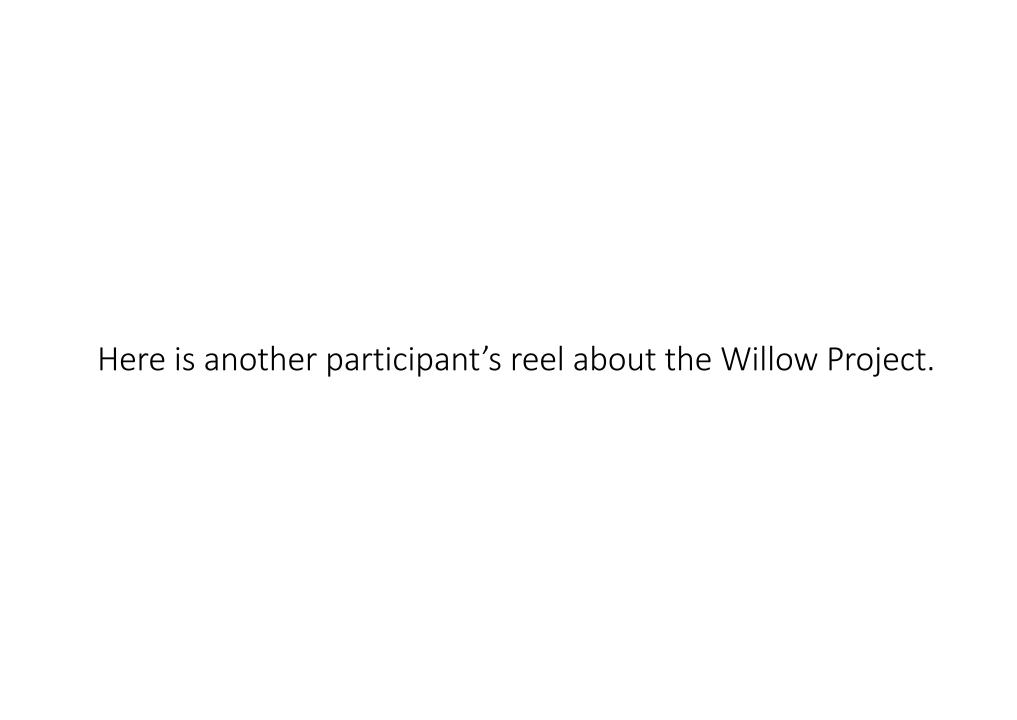
It is in something called the National Petroleum Reserve-Alaska, which was originally set aside a century ago as an emergency oil supply for the U.S. Navy. The area has been overseen by the U.S. Interior Department since the 1970s, and there has been debate over where development should occur. The Biden administration last year limited oil and gas leasing to just over half of the federal lands in the nearly





Reel produced by P5 (30 seconds)

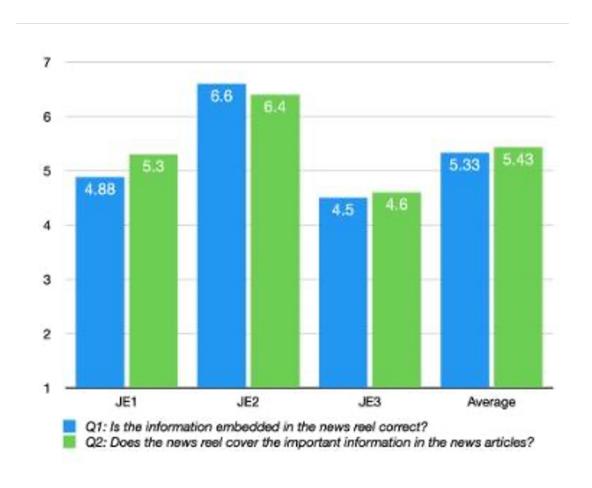




Reel produced by P3 (33 seconds)

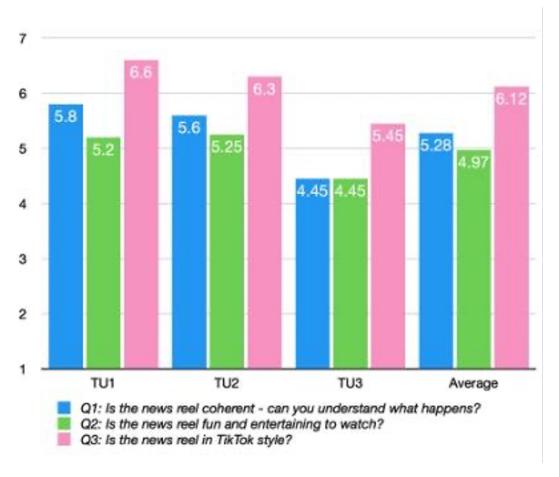


Reels had high information quality



- The average accuracy score was 5.3/7
- The average score for correct information focus was 5.4/7.
- The inaccuracies mostly came from the participants interjecting their opinions into the reels.

TikTok power users rated reels very high for coherency, engagement and style.



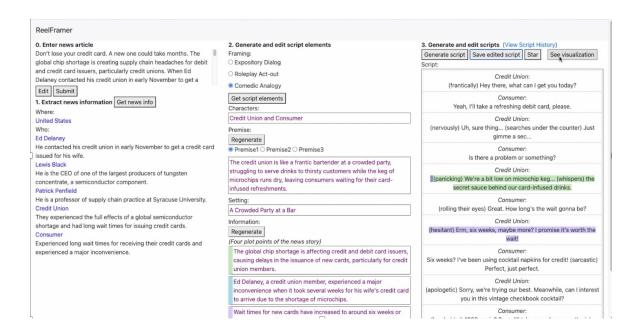
- Reels scored high for coherency and engagement.
- Reels performed well for capturing the TikTok style, (6.12 of 7).

Actual Impact on Users

- Creating in a new paradigm is daunting.
 - Tools help get people over the creative hump.
 - Gives people lots of options to help get "unstuck"
- But that training is still ESSENTIAL to the process.
 - Journalistic integrity and values are still at the heart of the process.

• At the Journalism School career fair, several news outlets were asking for experience creating news reels. Our users could say yes!

News Reels: Turn news into TikTok videos







ReelFramer Human Al Collaboration

The Al can:

- Explore the design space for script creation.
- Providing a good starting point for scriptwriting.
- Inspiring users in visual design and acting.

The people must:

- Check facts
- Decide if a script is **appropriate**.
- Balance entertainment vs. information
- Strike an appropriate and natural tone.
- Ensure the story is coherent.

Reaching New Audiences with Gen Al

- News Illustrations
 - Create images for social media

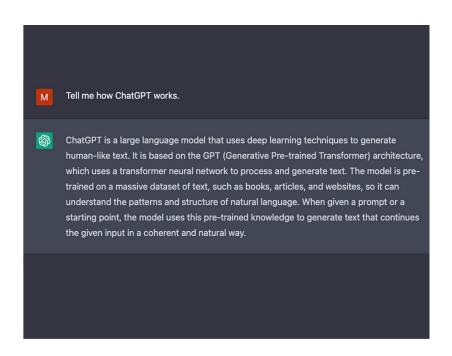
- Science Hooks
 - Motivate science on Twitter

- News Reels
 - Turn news into TikTok videos



Summary

Al seems to be taking over the world





text images code

Al is impressive, but far from perfect



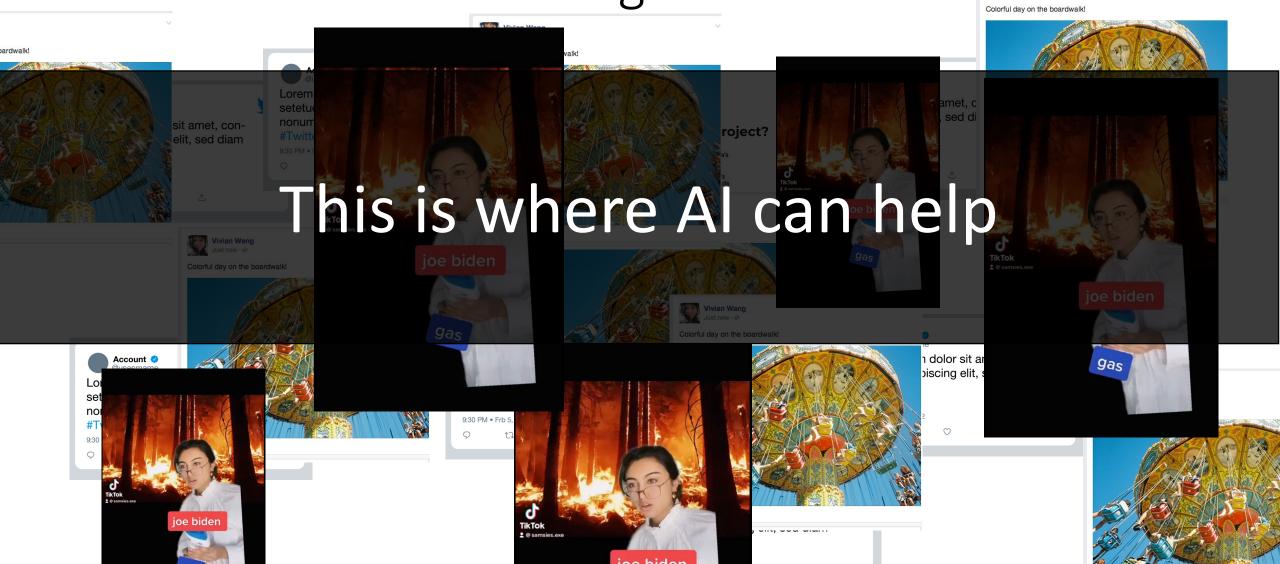
- It doesn't know what's true
- It can't evaluate what outputs will resonate with people
- It's answers are pretty basic summarized from what's already written.
- It can't do fact-based original content
 - No novel scientific research
 - No expert interviews,
 - No investigative research

People are highly trained in the skills and values of producing quality content



This can't be replaced

But once you've done original work, the battle for attention begins...



Given original content, Al can help *transform* it

What's Next for Alaska's Willow Oil Project?

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allege the U.S. government failed to adequately consider alternatives to greenlighting devel

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Tony Breu
@tony_breu · Follow

1/
"Why do my fingers get all wrinkly when I take a bath?" This was the question my 3-year-old daughter asked me recently after bath time.

I thought for a minute, then realized I didn't have a clue.

The explanation is so much cooler than I had expected...

joe biden

create news illustrations for social media

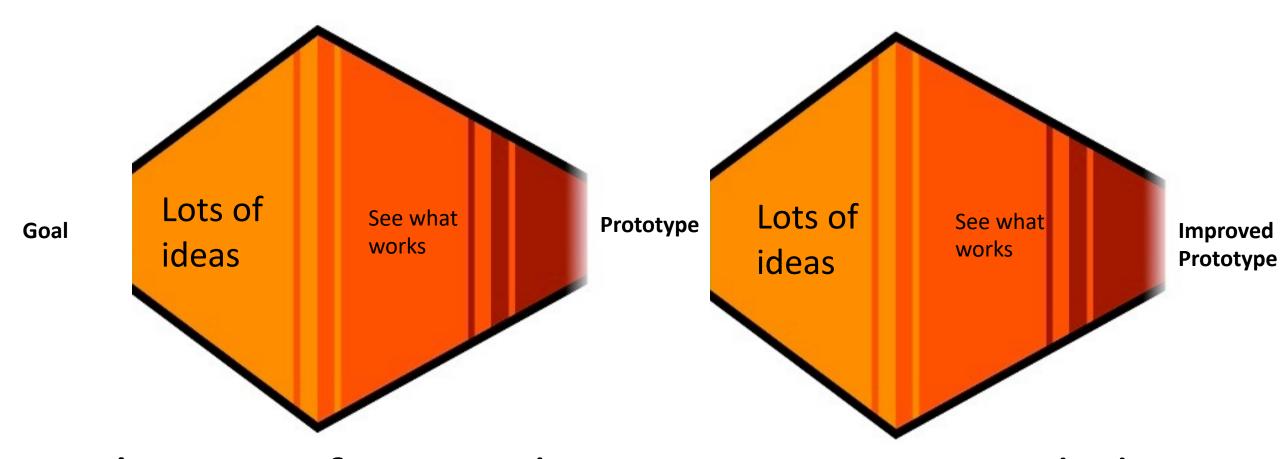
explain science on Twitter

turn a news story into a TikTok reel

How do we structure human-Al collaboration?



Design requires lots of ideas and prototypes



It's easier for people to recognize a good idea, than to generate one.

News Illustrations: Create Images for Social Media

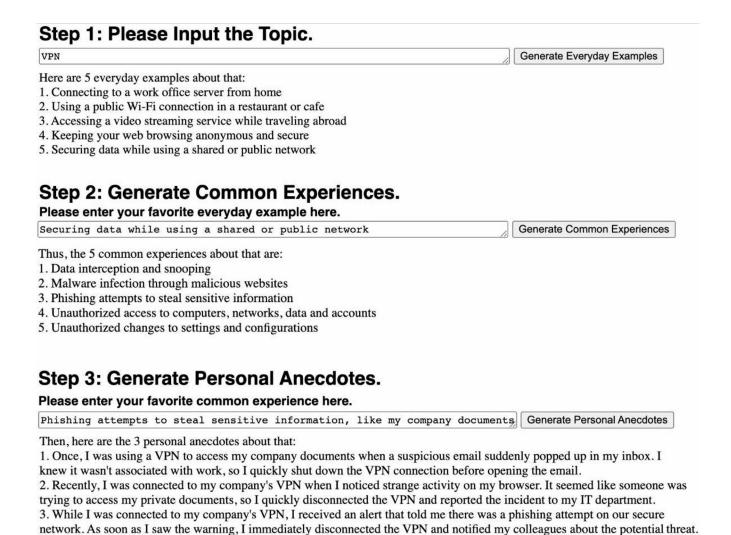
Climate change is speeding up sound in the ocean.



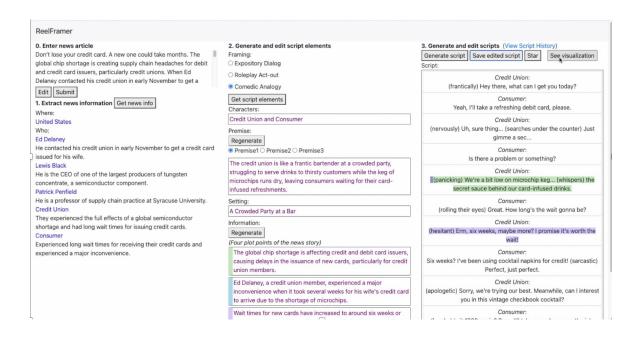
whale dying in a red ocean on fire, photo



Science Hooks: Motivate science on Twitter



News Reels: Turn news into TikTok videos







Human-Al Collaboration

Al can help:

- Explore the design space.
- Provide a good starting point.
- Create many prototypes quickly.

People must:

- Understand the context and goal
- Pick the direction
- Judge the outputs
- Iterate on the direction
- Ensure a cohesive output.



Reaching New Audiences with Generative Al



News Illustrations



Tweetorial Hooks



News Reels