



CURIOSITY



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Center For Virtual Expression

<http://cvex.ai>

Tobias Merriman

BS Information Systems

MFA Digital Narrative

10 years IT Diagnostics

15 years IT Management

2 years Hardware/Network Instructor

3 years Assistant Director of CVeX

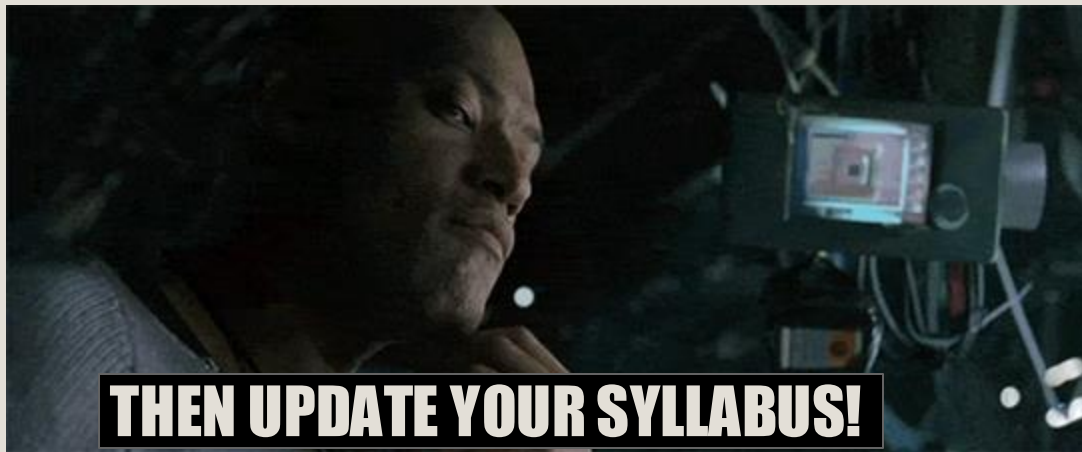
Center For Virtual Expression

<http://cvex.ai>





SIUC Faculty after visit to CVeX



THEN UPDATE YOUR SYLLABUS!

<http://cvex.ai>



A close-up shot of a Black man with a beard and short dark hair. He is wearing a dark, textured jacket over a light-colored shirt. He has two black headgear devices on his temples, connected by thin, braided cables that run down his face. He is looking slightly to the right with a serious, intense expression. The background is dark, with a large, glowing blue screen visible on the right side, displaying some abstract, geometric patterns. The overall lighting is low, with a cool blue tint from the screen.

CHANGE

A close-up portrait of a Black man with a beard and short dark hair. He is wearing a dark, textured jacket over a light-colored shirt. He has a serious, intense expression, looking slightly off-camera. He is wearing a head-mounted device with two vertical, glowing orange-red tubes on either side of his head. The background is dark and out of focus, with blue light emanating from a screen or panel on the right side.

Morrow
High Performer

CHANGE

1997

Deep Blue defeats Garry Kasparov in chess match



HISTORY.com Editors

<https://www.history.com/this-day-in-history/may-11/deep-blue-defeats-garry-kasparov-in-chess-match>

CHANGE

THREE PHASES OF AI

TRAINING

TESTING

TESTING MORE

EXCEEDING

01

The AI is terrible at the task. Non-functional or barely-working.

02

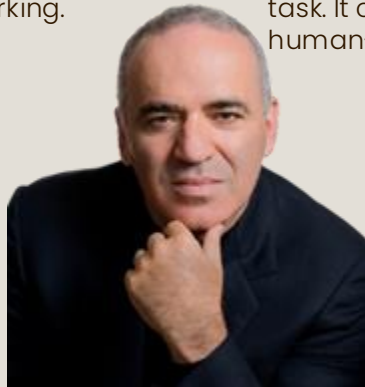
The AI is roughly equal to many humans at the task. It can replace some human-labor.

02.5

The AI is an expert at the task and is competitive with the best humans.

03

The AI is vastly better at the task than any human has ever been.



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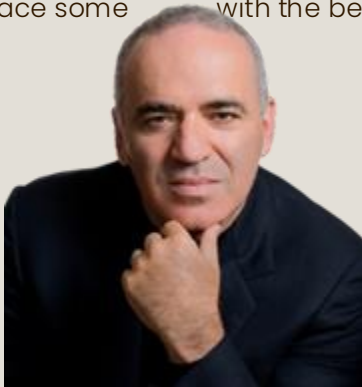
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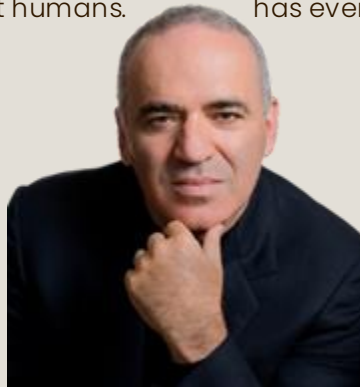
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“I couldn’t be sure what it was capable of. I couldn’t help wondering, Was it invincible? Was my beloved game of chess over?” - Garry Kasparov

<https://www.history.com/this-day-in-history/may-11/deep-blue-defeats-garry-kasparov-in-chess-match>

CHANGE



Ranked Chess Players in 1990: 12,000

Ranked Chess Players in 2025: 1,600,000

[Chess.com](https://www.chess.com) has 200,000,000 registered accounts



<https://www.history.com/this-day-in-history/may-11/deep-blue-defeats-garry-kasparov-in-chess-match>

CHANGE

“Nobody remembers that I won the first match” - Garry Kasparov

<https://www.history.com/this-day-in-history/may-11/deep-blue-defeats-garry-kasparov-in-chess-match>

CHANGE



“Eventually, every profession will have to feel these pressures or else it will mean humanity has ceased to make progress.” --Garry Kasparov

<https://www.history.com/this-day-in-history/may-11/deep-blue-defeats-garry-kasparov-in-chess-match>

CHANGE





https://www.youtube.com/watch?v=NP8xt8o4_5Q

CHANGE

OpenAI Five defeats Dota 2 world champions





CHANGE



CHANGE

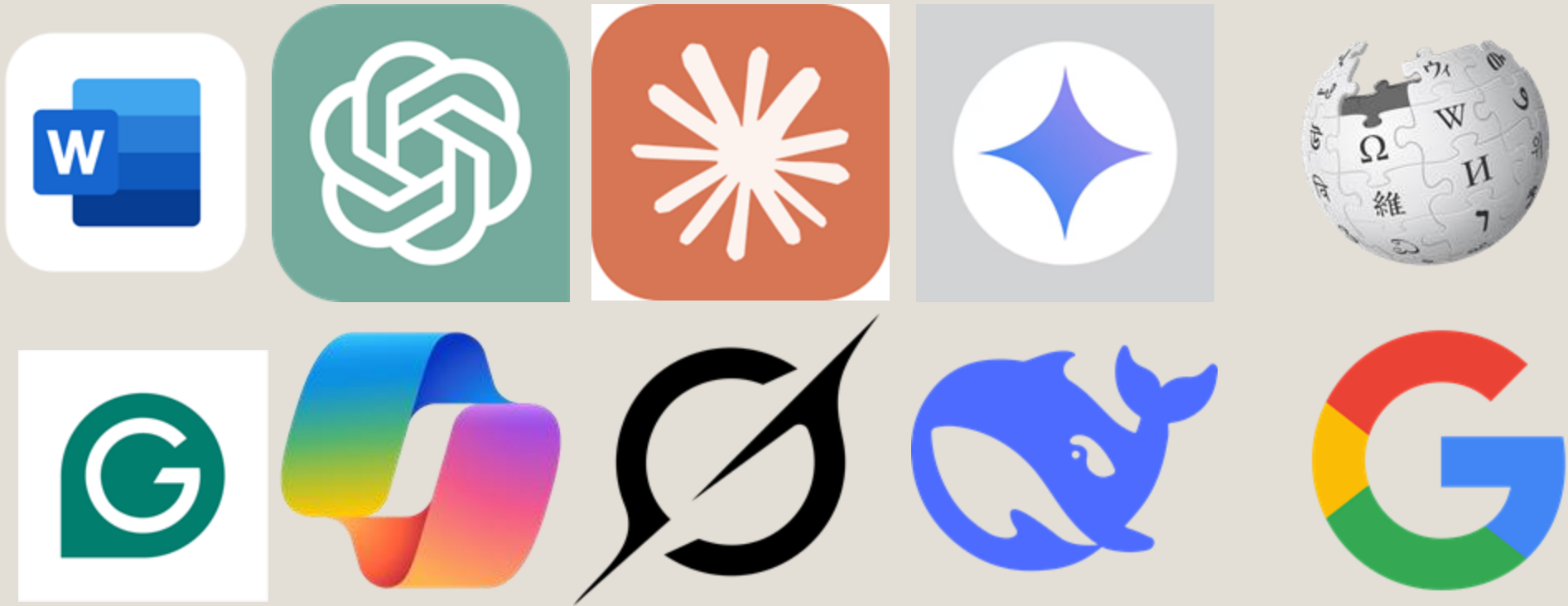


CHANGE



CHANGE





CHANGE



CHANGE

A close-up, side-profile view of a futuristic soldier's head. The soldier is wearing a dark blue, heavily armored helmet with several orange circular lights and a green digital display on the front. The soldier is looking down, and the background is a blurred, industrial-looking environment.

RESISTANCE

Internet 'may be just a passing fad as millions give up on it'

THE Internet may be only a passing fad for many users, according to a report.

Researchers found that millions were turning their back on the world wide web, frustrated by its limitations and unwilling to pay high access charges.

They say that e-mail, far from replacing other forms of communication, is adding to an overload of information.

Experts from the Virtual Society project, which published the report, say predictions that the Internet would revolutionise the way society works have proved wildly inaccurate.

Many teenagers are using the Internet less now than previously, they conclude, and the future of online shopping is limited. Steve

By **James Chapman**
Science Correspondent

Woodgar, director of the society, said: "We are often presented with a picture of burgeoning Internet use, but there is evidence already of drop-off and saturation among users."

"Teenagers' use of the Internet has declined. They were energised by what you can do on the Net but they have been through all that and then realised there is more to life in the real world and gone back to it."

The project, sponsored by the Economic and Social Research Council, gathered together research by 25 universities across Europe and the U.S.

It estimated that in Britain alone there could be more than two million people who regularly used the Internet but had now given up.

Analysts say some simply became bored, while others were frustrated of

Net loss: Two million Britons have logged off the Internet



**NOW THERE'S ANOTHER
INTELLIGENT FUTURE
COULD MAKE YOU E**

EXCLUSIVE!

Voices

Michael Hiltzik
Business

Say farewell to the AI bubble, and get ready for the crash



OpenAI Chief Executive Sam Altman: His GPT-5 was a bust. (Markus Schreiber / Associated Press)

Subscribers are Reading >

- 1. [The AI bubble is about to burst, and here's why](#)
- 2. [The AI bubble is about to burst, and here's why](#)
- 3. [The AI bubble is about to burst, and here's why](#)
- 4. [The AI bubble is about to burst, and here's why](#)
- 5. [The AI bubble is about to burst, and here's why](#)
- 6. [The AI bubble is about to burst, and here's why](#)





AP photo

Elementary school teachers picket against use of calculators in grade school
The teachers feel if students use calculators too early, they won't learn math concepts

Math teachers protest against calculator use

By JILL LAWRENCE

"My older kids don't pay any attention to an answer being absurd," he said. "Teachers are shy."

RESISTANCE



Cost in 1975:
\$795
(\$4800 in 2025)



Cost in 1976:
\$25
(\$125 in 2025)

FALSE ALARM?

ChatGPT Unlikely to Usher in Any Teacher-Tech Tiff

Some institutes may have slapped curbs, but experts say there'll be enough tools to detect use of such AI

Agence France-Presse

Paris: Alarm among educators has reached fever pitch in recent weeks over ChatGPT, an easy-to-use artificial intelligence



but experts say there'll
be enough tools to
detect use of such AI

Agence France-Presse



brightspace

Guidance on AI Detection and Why We're Disabling Turnitin's AI Detector

Posted by [Michael Coley](#) on Wednesday, August 16, 2023 in [Announcements](#), [News](#).

In April of this year, Turnitin released an update to their product that reviewed submitted papers and presented their determination of how much of a paper was written by AI. [As we outlined at that time](#), many people had important concerns and questions about this new tool, namely how the product exactly works and how reliable the results would be. After several months of using and testing this tool, meeting with Turnitin and other AI leaders, and talking to other universities who also have access, **Vanderbilt has decided to disable Turnitin's AI detection tool for the foreseeable future.** This decision was not made lightly and was made in pursuit of the best interests of our students and faculty.

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<https://www.vanderbilt.edu/brightspace/2023/08/16/guidance-on-ai-detection-and-why-were-disabling-turnitins-ai-detector/>

Vanderbilt's recommended approach moving forward:

1. Communicate expectations early and clearly with students about AI use.
2. Encourage proper disclosure and citation if AI tools are used (via APA or MLA standards).
3. Redesign assignments to reduce opportunities for misuse.
4. Use AI discussion as a **teachable moment**, not a trap.

When Photography Wasn't Art

Today, photography is commonly accepted as a fine art. But through much of the 19th century, it was an art world outcast.



Pine forest [sic], Summit Station, Catawissa R.R. Photo by John Moran, The Miriam and Ira D. Wallach Division of Art, Prints and Photographs: Photography Collection, The New York Public Library

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Pine Forest [sic], Summit Station, Catawissa R.R. Photo by John Moran, The Minam and ira D. Wallach Division of Art, Prints and Photographs Photography Collection, The New York Public Library

<https://daily.jstor.org/when-photography-was-not-art/>

RESISTANCE

Photography was invented in the 1820s and though it remained a fledgling technology in the few decades thereafter, many artists and art critics still saw it as a threat, as the artist Henrietta Clopath voiced in a 1901 issue of **Brush and Pencil** ■:

The fear has sometimes been expressed that photography would in time entirely supersede the art of painting. Some people seem to think that when the process of taking photographs in colors has been perfected and made common enough, the painter will have nothing more to do.

RESISTANCE

Tech Industry > Artificial Intelligence

Using GPT-4 to generate 100 words consumes up to 3 bottles of water — AI data centers also raise power and water bills for nearby residents

News

By Christopher Harper published September 19, 2024

Net-zero emission goals went out the window with AI.



Comments (55)

<https://www.tomshardware.com/tech-industry/artificial-intelligence/using-gpt-4-to-generate-100-words-consumes-up-to-3-bottles-of-water-ai-data-centers-also-raise-power-and-water-bills-for-nearby-residents#xenforo-comments-3855664>

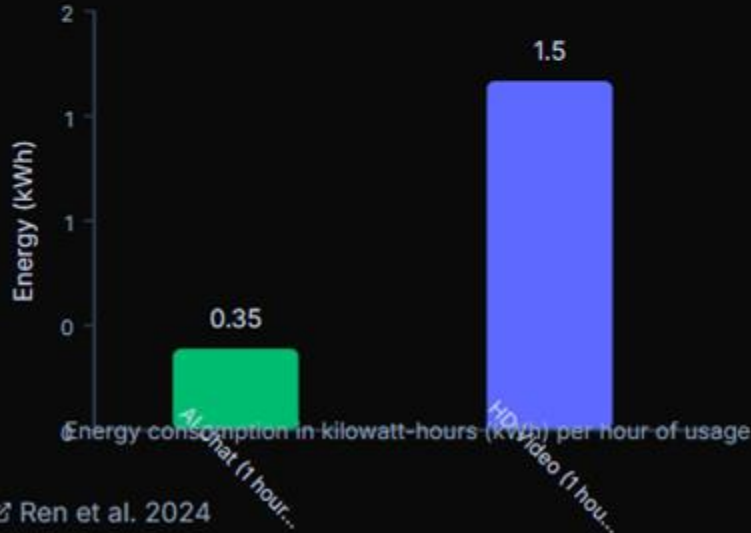
RESISTANCE

Comparison

Energy Consumption: AI Chat vs. Video Streaming

AI chat uses less energy than equivalent video streaming

While AI systems do consume energy, the environmental impact per query is relatively small compared to everyday activities like video streaming.



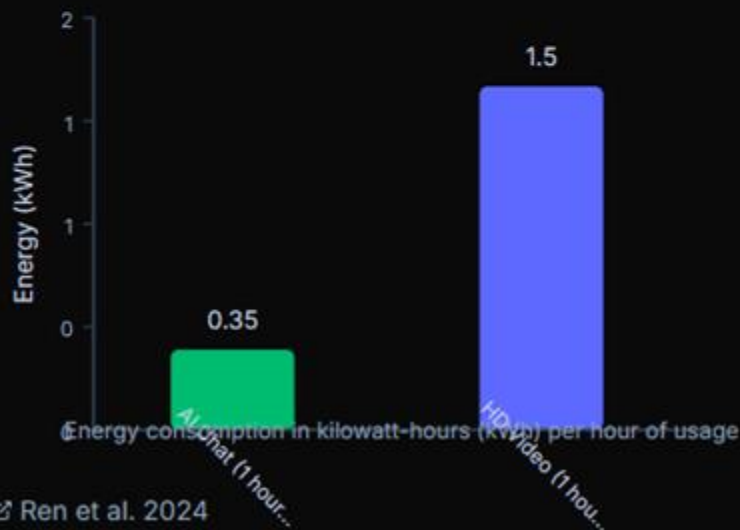
<https://www.nature.com/articles/s41598-024-76682-6>

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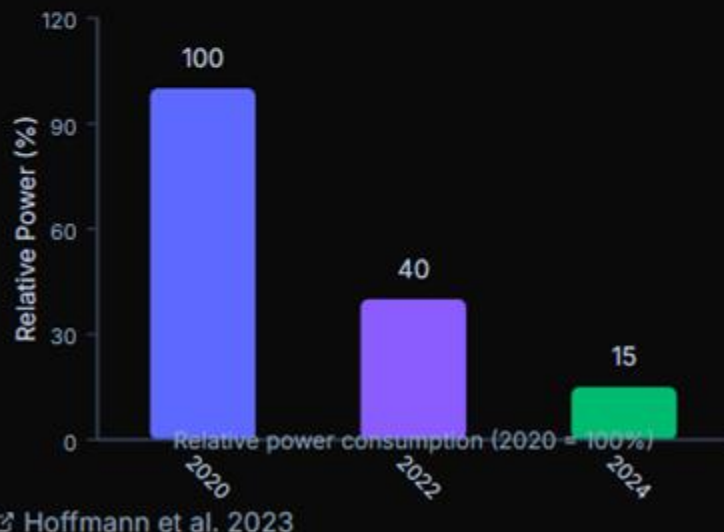


Comparison

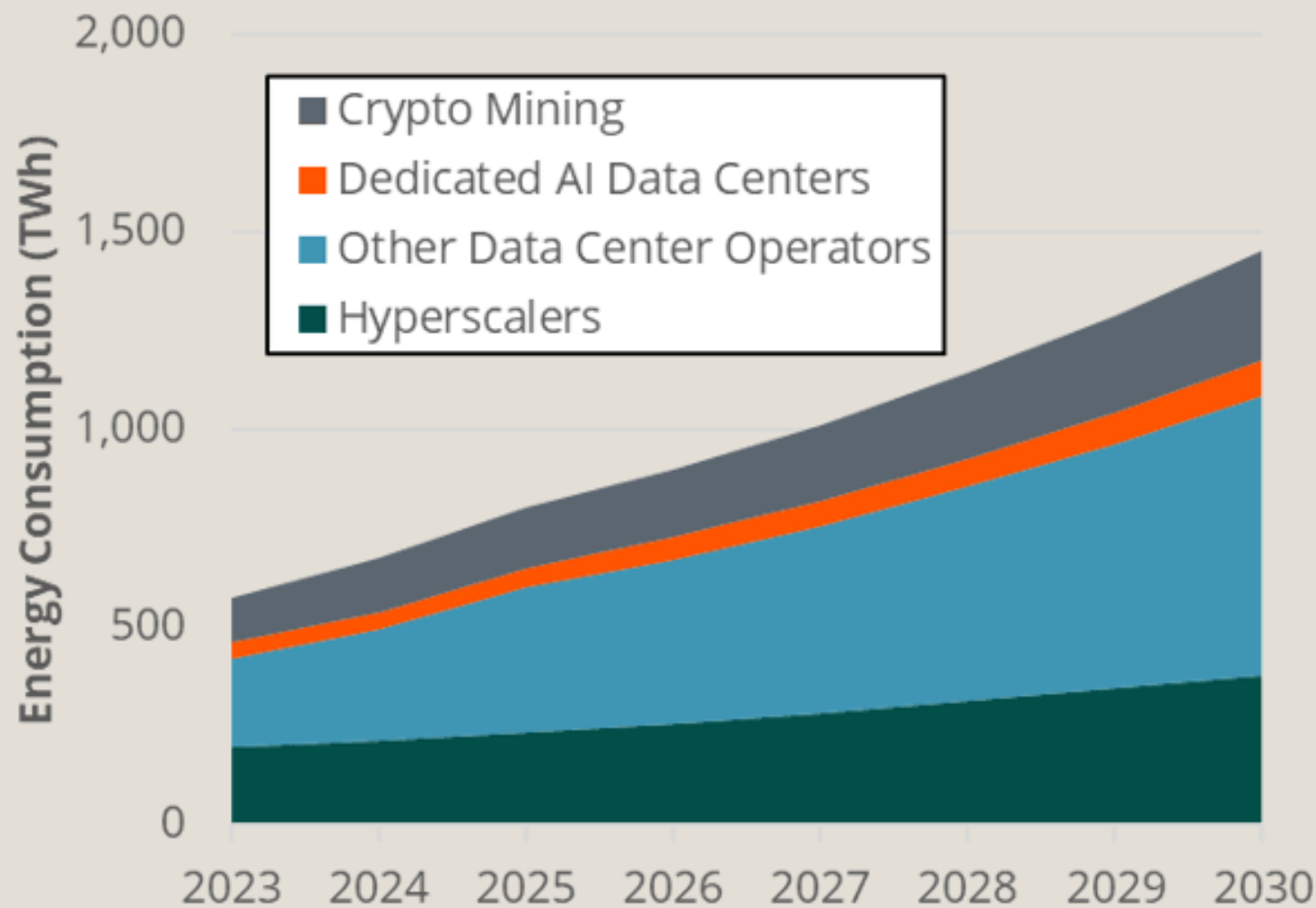
AI Power Consumption Reduction Over Time

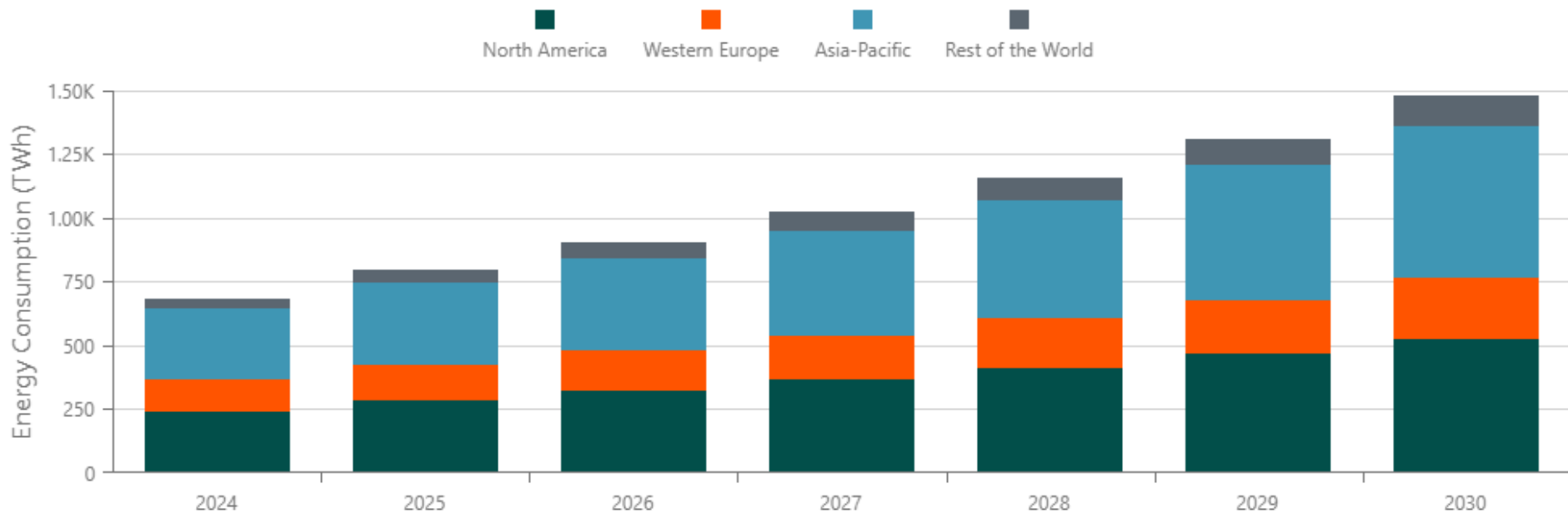
AI inference power requirements have fallen dramatically

Through hardware specialization, model distillation, and algorithmic improvements, the power required for AI inference has decreased significantly.

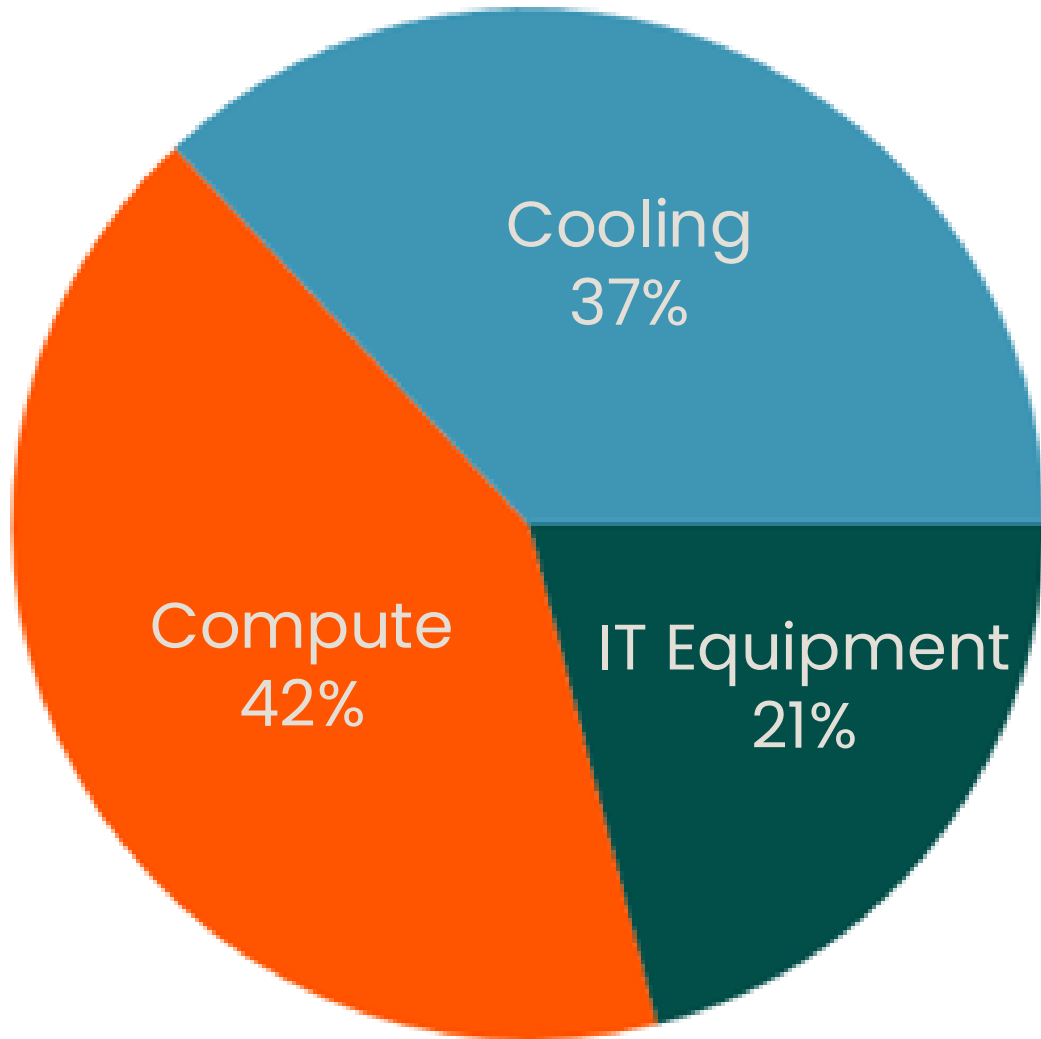


<https://www.abiresearch.com/blog/data-center-energy-consumption-forecast>

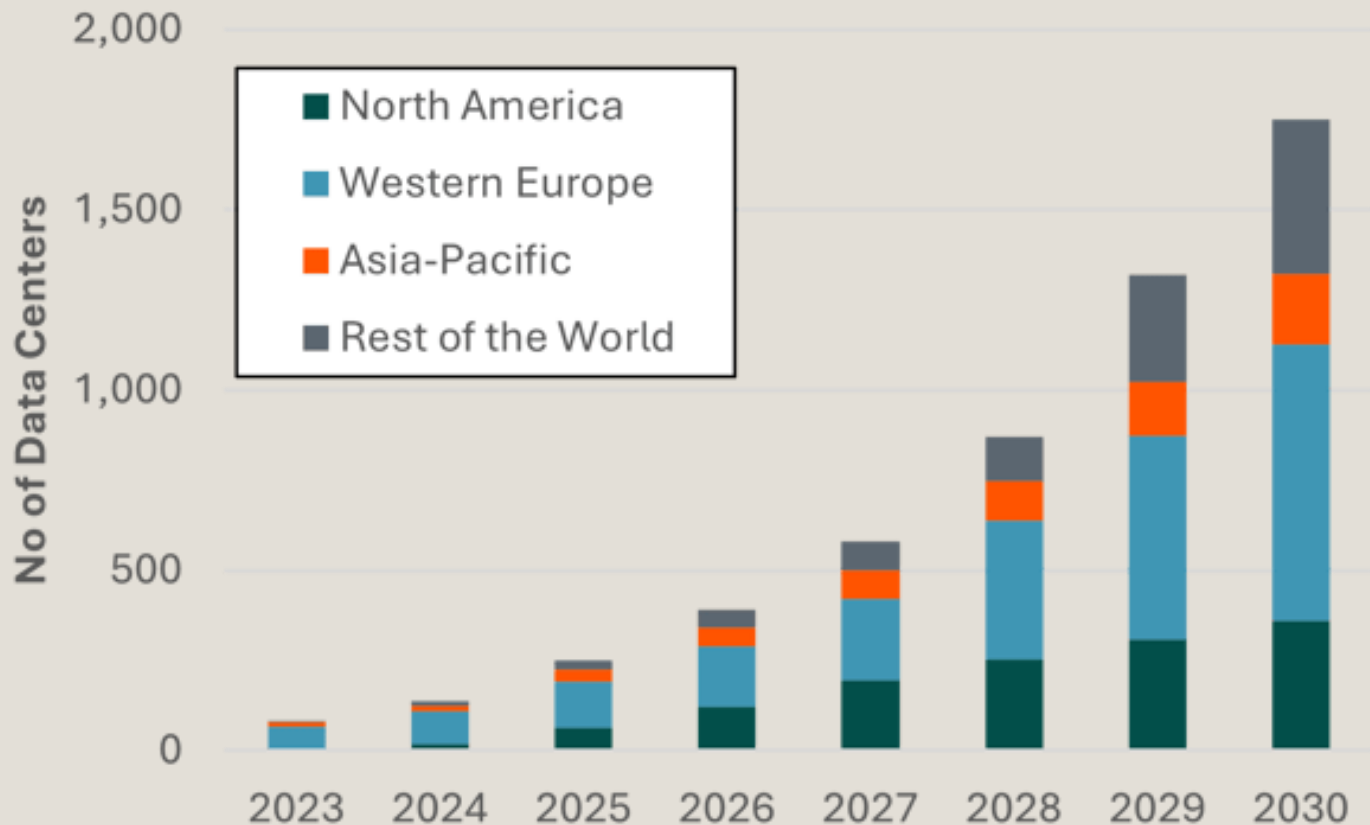




Consumption by Region



Heat Re-Use



A close-up, profile view of a futuristic soldier wearing a dark blue, heavily detailed helmet. The helmet features several orange glowing lights and a small green digital display on the left side. The soldier is looking down, and the background is a blurred, industrial or urban setting with a teal wall.

RESISTANCE

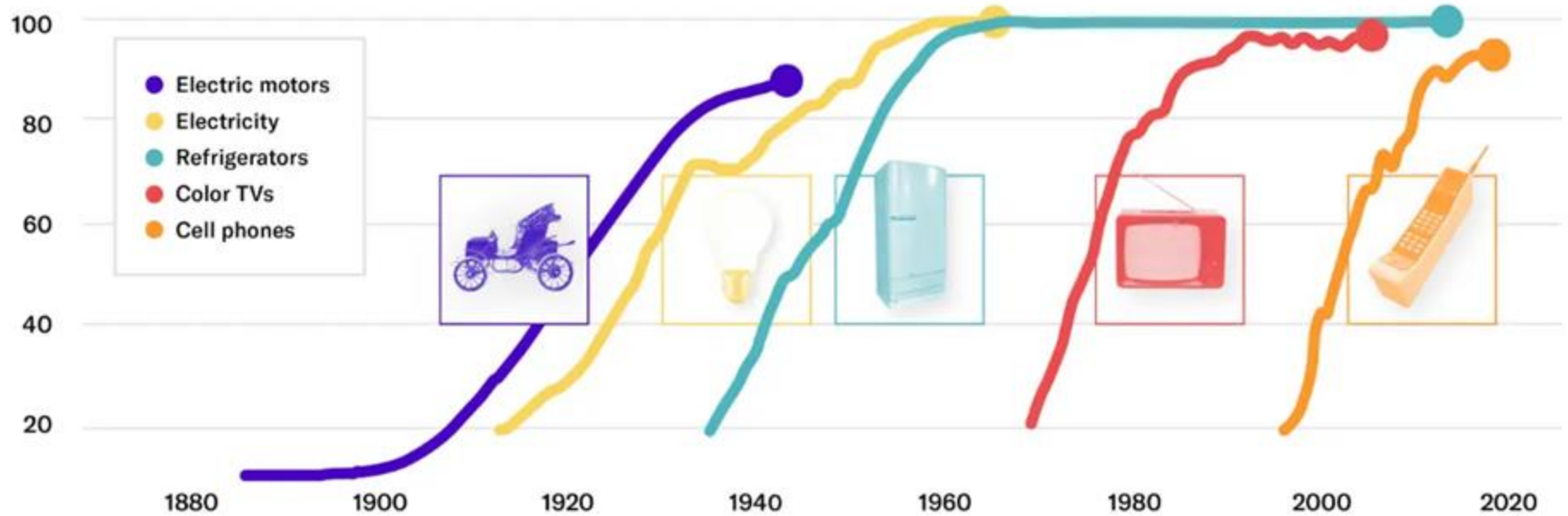
A close-up, side-profile view of a droid head, likely from the Star Wars Resistance series. The droid has a dark, metallic, and somewhat weathered appearance. Its head is tilted slightly downwards and to the left. On the front of its head, there are three small, glowing green lights. On the side of its head, there are four small, glowing orange lights arranged vertically. The background is a blurred, industrial-looking environment with a greenish-grey wall and a metal grate on the left.

RESISTANCE

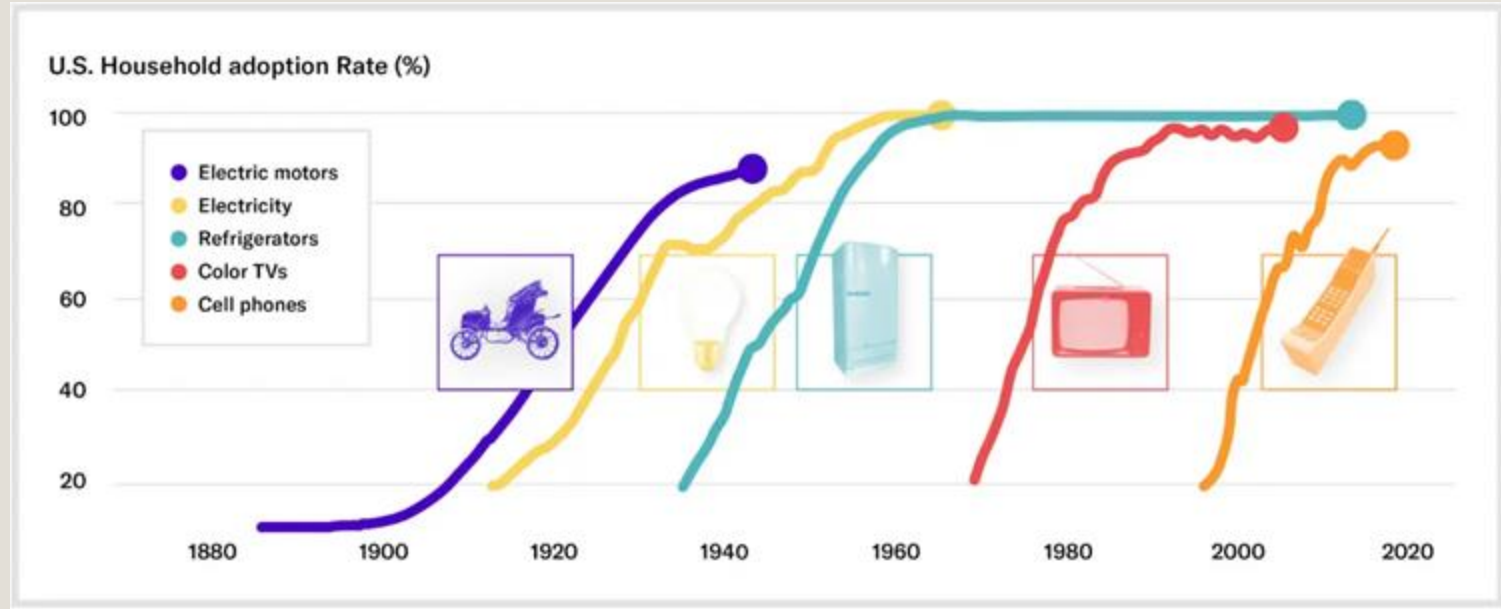


ADOPTION

U.S. Household adoption Rate (%)



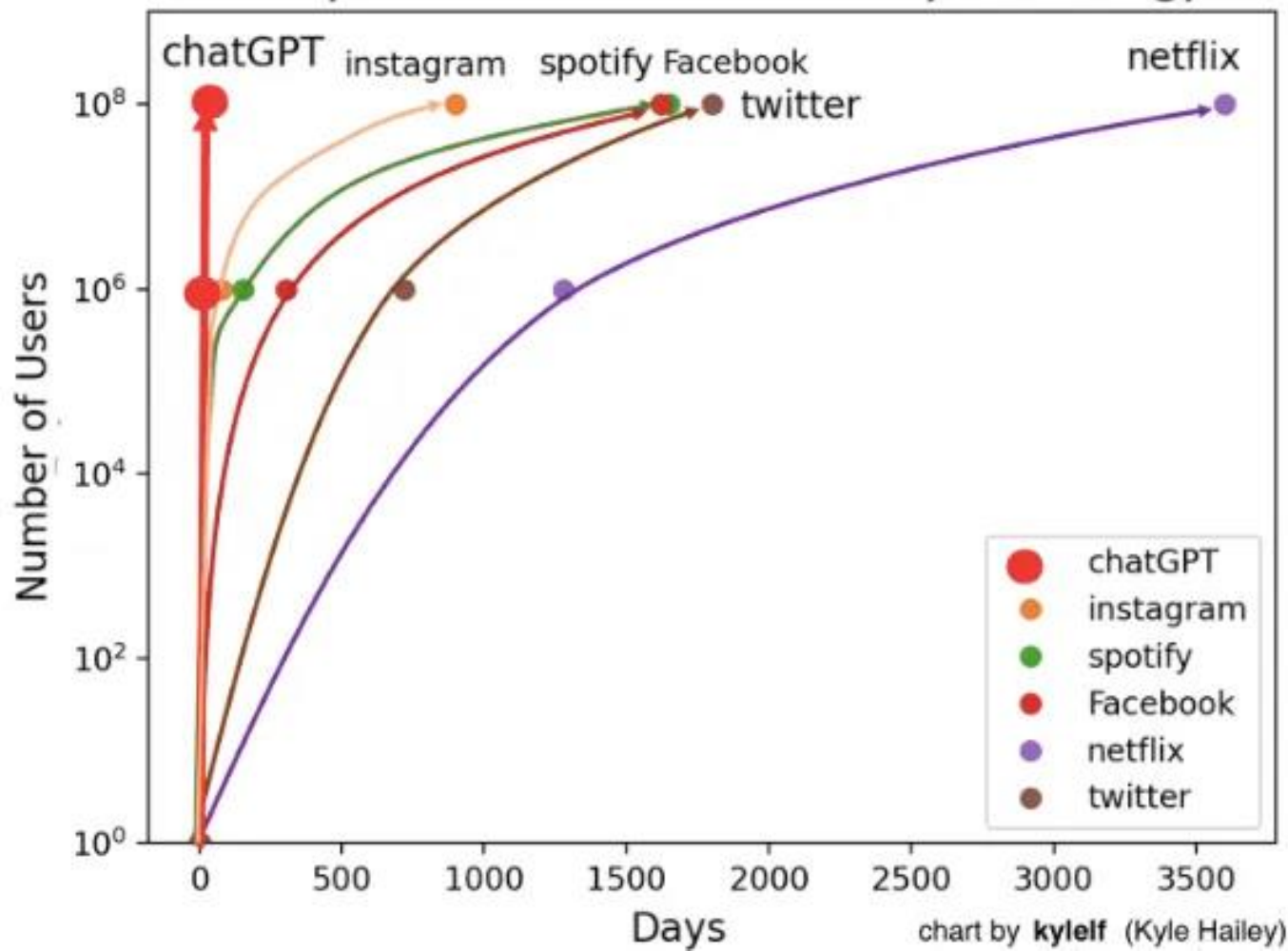
ADOPTION



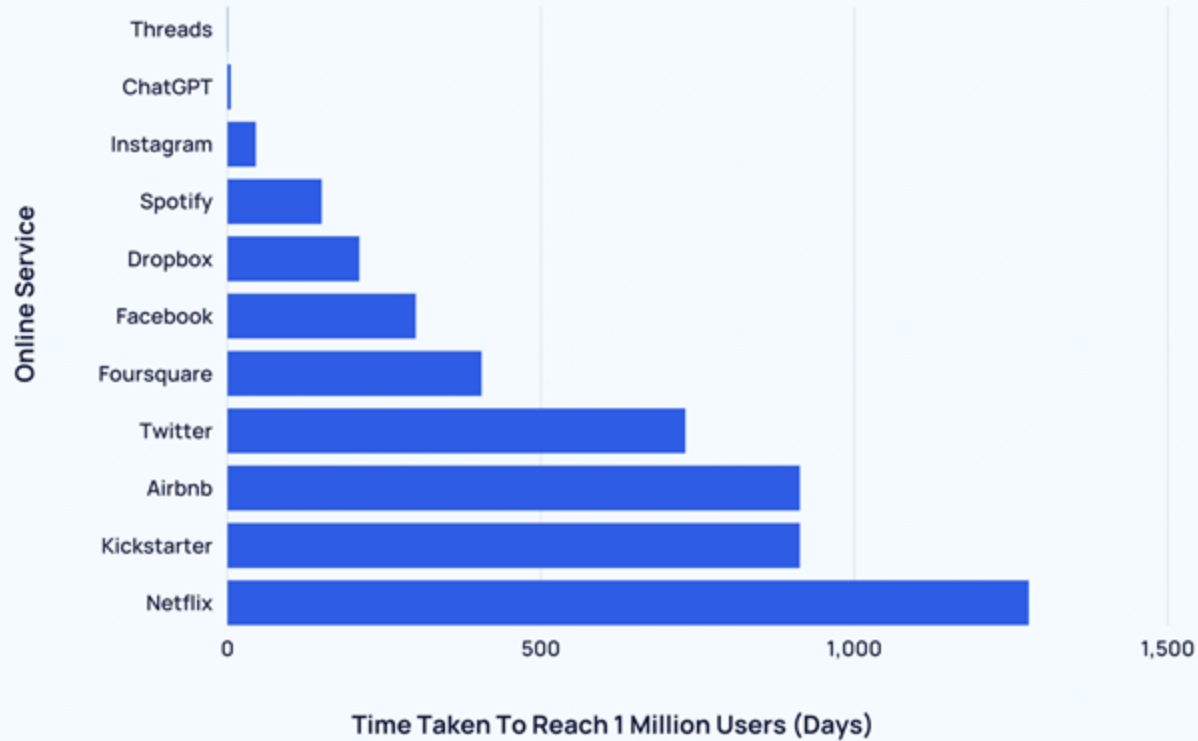
<https://www.rewiringamerica.org/research/pace-of-progress-home-electrification-transition>

ADOPTION

of days to 1M and 100M users by technology



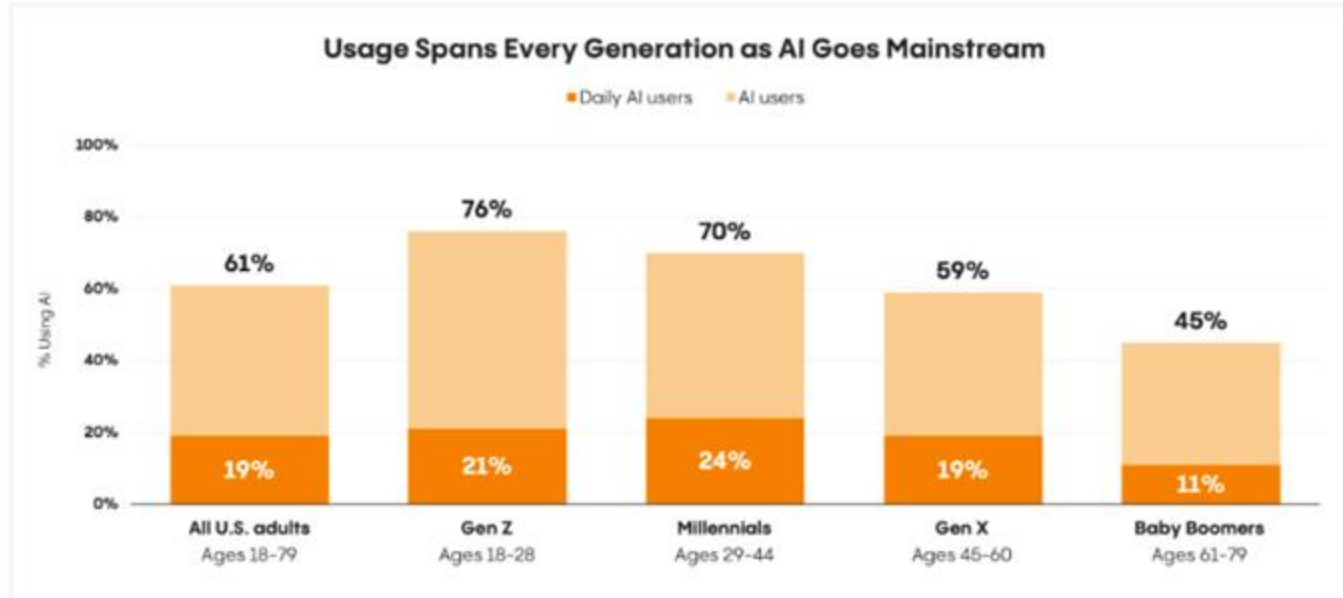
Time taken to reach 1 million users



<https://explodingtopics.com/blog/chatgpt-users>

Who's Using AI?

Across generations, AI adoption is broad—**19%** of those aged **18-79** have made it a **daily** habit



ADOPTION

<https://menlovc.com/perspective/2025-the-state-of-consumer-ai/>

AI Amplifies
Ability or Atrophy



Notebook-LM

<http://notebooklm.google.com>



Midjourney

<http://midjourney.com>

Guilt

Fear: If you don't teach them, they will learn from each other.

Pity: If we create a bubble without ai, they will get kicked out of it on graduation day.

Shame: They will be asked about ai in interviews.



John Henry



Now the man that invented the steam drill
Thought he was mighty fine
But John Henry made fifteen feet
The steam drill only made nine, Lord, Lord
The steam drill only made nine



ADOPTION





Midjourney prompt: garry kasparov and john henry sitting on railroad ties playing a game of chess and laughing, saga comic art style,