

Strawberry, OpenAI's most advanced AI model, is coming in September. Here's what you need to know:

- Strawberry will probably join the menu of different models that you can choose to use inside ChatGPT.
- Strawberry thinks for 10-20 seconds before responding, using built-in "Chain-of-thought."
- It can only create text to start—no images yet.
- Pricing TBD, but likely expensive

<https://www.theneurondaily.com/p/will-worth-wait>

AI is an energy hog. This is what it means for climate change.

Analysts project that AI could drive up data centers' energy consumption by 160% this decade. So how worried should we be about AI's electricity demands and carbon emissions?

<https://www.technologyreview.com/2024/05/23/1092777/ai-is-an-energy-hog-this-is-what-it-means-for-climate-change/>

What does AI know about you?

Large language models (LLMs), such as OpenAI's GPT-3, Google's LaMDA, and Meta's OPT-175B, are red hot in AI research, and they are becoming an increasingly integral part of the internet's plumbing. LLMs are being used to power chatbots that help with customer service, to create more powerful [online search](#), and to help software developers [write code](#). If you've posted anything even remotely personal in English on the internet, chances are your data might be part of some of the world's most popular LLMs.

<https://www.technologyreview.com/2022/08/31/1058800/what-does-gpt-3-know-about-me/>

Turn Research Notes into a Podcast

Google can now turn your research into an AI-generated podcast, complete with two "hosts" that discuss what you've dug up. The experimental feature lives within NotebookLM, the AI note-taking app Google launched last year, and will have AI hosts "summarize your material, make connections between topics, and banter back and forth."

It's meant to build on NotebookLM's existing features that help you interact with all your notes, transcripts, and other research documents. The app already uses Google's Gemini AI model to help summarize your research, and this is sort of like an audio version of that.

<https://www.theverge.com/2024/9/11/24242138/google-notebook-llm-ai-fake-podcasts-research>

Adobe Previews Its Upcoming Firefly Video Model

Adobe's Firefly Video Model brings AI-powered features to video editing software like Premiere Pro. The new model, available in beta later this year, offers editors enhanced workflows to explore creative ideas, fill timeline gaps, and add new elements to footage.

<https://blog.adobe.com/en/publish/2024/09/11/bringing-gen-ai-to-video-adobe-firefly-video-model-coming-soon>

LLMs Go Rogue

Artificial intelligence tech companies are refusing to abide by internet protocol when it comes to scraping data. Their ravenous scavenging behavior is upending the basic rules of the internet.

On every website, there's a message that contains a hidden stop sign. It's intended for bots, not humans, a way of saying, do not scan this part of the website. The artificial intelligence industry is ignoring these stop signs, and understanding why sheds light on how AI companies are turning the web upside down.

<https://www.npr.org/2024/07/05/nx-s1-5026932/artificial-intelligence-web-crawlers-are-running-amok>

GPT-fabricated scientific papers on Google Scholar

Generative AI tools like ChatGPT are increasingly producing fraudulent research papers, infiltrating databases like Google Scholar alongside legitimate studies. These papers, often on controversial topics like health and the environment, pose significant risks to scientific integrity and public trust. Enhanced vigilance and more robust filtering in academic search engines are essential to curb this growing issue.

<https://misinforeview.hks.harvard.edu/article/gpt-fabricated-scientific-papers-on-google-scholar-key-features-spread-and-implications-for-preempting-evidence-manipulation/>

TOTW (Tool of the Week)

Connected Papers: Connected Papers is a visual tool to help researchers and applied scientists find academic papers relevant to their field of work. Try it for free or use OAuth through your Texas Tech University/HSC email.