

Who's Afraid of ChatGPT? Hazards and Opportunities



Las Positas College Flex Day | Thu, Mar 16, 2023

Image generated by DALL-E:

"A watercolor of California vineyards in the spring with a mustard cover crop" (3/16/23).

Presenters

- Amber Kerr, **Biology**
- Bill Komanetsky, **Computer Science**
- Melissa Korber, **Journalism & Media Studies**
- Kisha Turner, **English**
- Karen Spirn, **English**
- Katie Eagan, **English**

*Thanks also to **Ashley McHale**, **Mathematics***



None of us are experts in AI!
We are learning along with everyone else.

Session agenda

- 3:00 – 3:10 Intro and demonstrations: What is generative AI?
- 3:10 – 3:20 Participants brainstorm on flip charts
- 3:20 – 3:30 Presenters and participants introduce themselves
- 3:30 – 3:45 Analyze ideas from flip charts
- 3:45 – 3:50 Finalize list of suggestions to share with campus



Image generated by DALL-E:
“A photo of professors having a faculty meeting in a seminar room” (3/16/23).

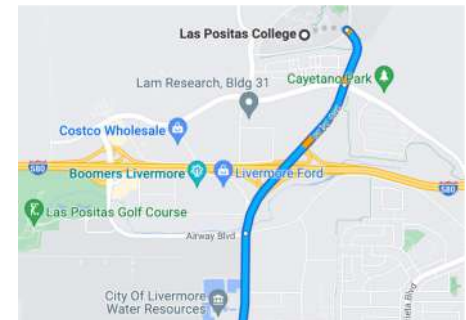
AI (artificial intelligence) is not new.

For decades, we've been using it to...

Play chess and other games...

Map out driving directions...

Translate between languages...

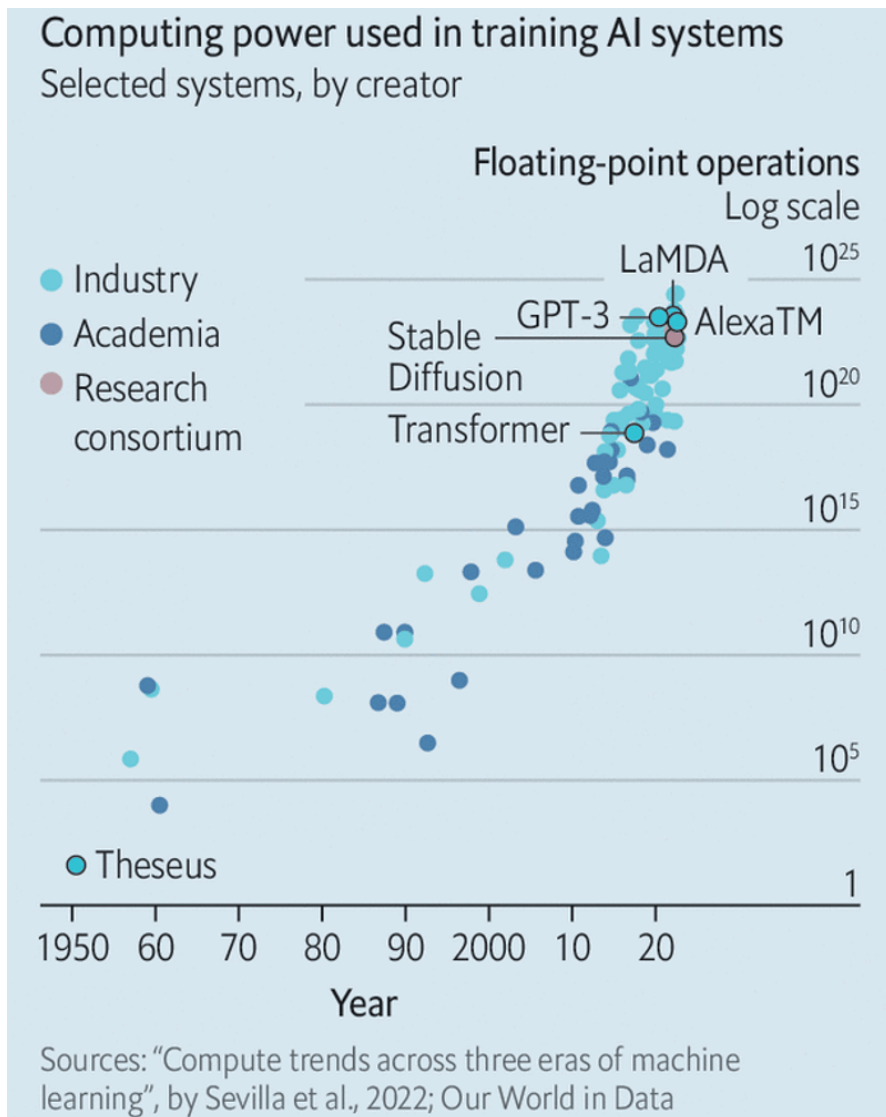


What *is* new is **generative AI**:

Artificial intelligence that displays **human-like creativity and artistry.**



How does it work?



Generative AI is trained on **mind-boggling amounts of data**. It looks for patterns, learning to predict output based on input.

An AI's **training data consists of existing work created by humans**: writing, poetry, artwork, audio, video – all grist for the mill.

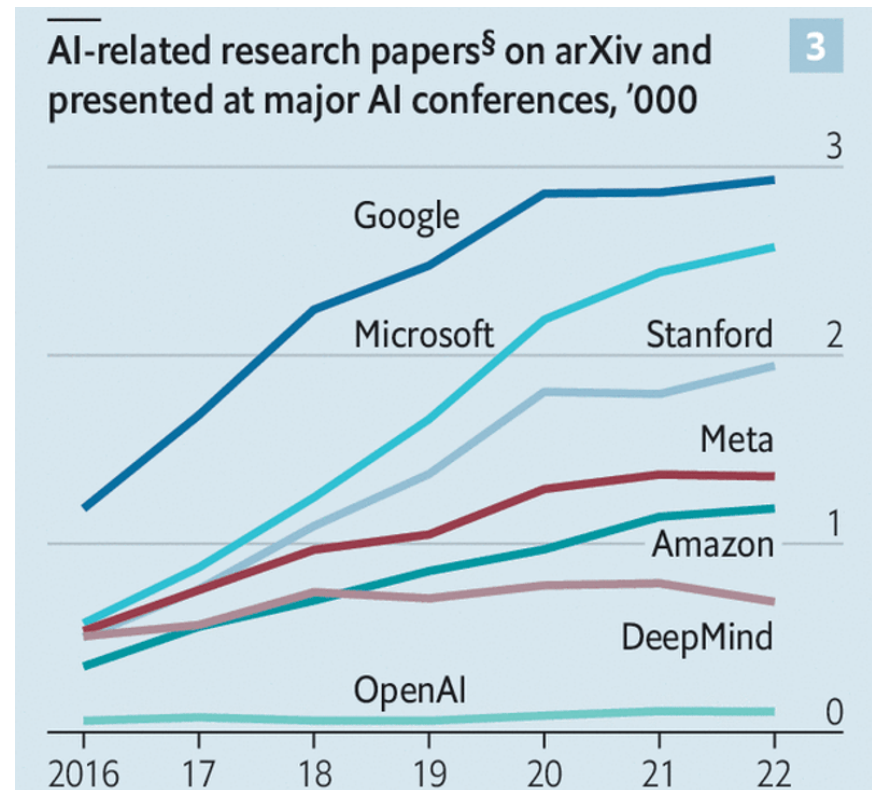
Thus, generative AI doesn't usually invent new styles or come up with novel ideas. It cleverly **repackages existing content**.

PS. Within a few years, the majority of all content on the internet may be AI-generated!
<https://thealgorithmicbridge.substack.com/p/generative-ai-could-pollute-the-internet>

What companies are working on generative AI?

Lots of them! The most well-known at the moment is probably **OpenAI** (maker of ChatGPT and DALL-E).

But major tech companies are in on the game as well: **Microsoft, Google, Amazon, Baidu**, and many others.



Generative AI is fast becoming ubiquitous. **Let's learn what it can do at the moment...** keeping in mind that it will improve!

Image source and more information:

<https://www.economist.com/business/2023/01/30/the-race-of-the-ai-labs-heats-up>

Demonstration 1: DALL-E

Use a text prompt to create any image you want.

The more specific, the better!



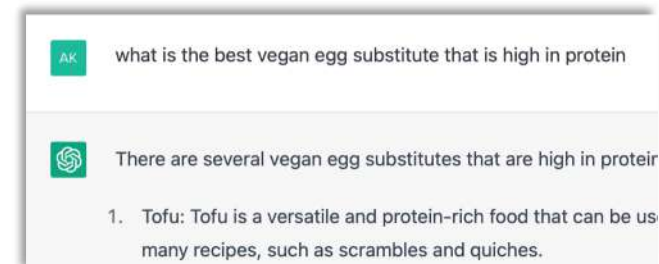
Image generated by DALL-E: “An impressionist painting of an African-American child swinging in a tire swing over a river on a hot summer day” (3/16/23).

Demonstration 2: ChatGPT

A. Give ChatGPT an **essay prompt** that you might give your students!

B. How well does ChatGPT do with softer topics, like **poetry**?

C. Can we **detect** whether text has been written by AI?



Flip chart brainstorming (*10 minutes*)



1. What are some **worries or concerns** about student use of ChatGPT and other generative AI tools?
2. What are some **potential positive uses** of ChatGPT and generative AI for our students?
3. What can **instructors** do to help prevent the misuse of generative AI and/or promote its constructive use?
4. What can the **college** do to help prevent the misuse of generative AI and/or promote its constructive use?



Quick introductions

Everyone (including presenters and participants) say your **name**, your **role** at the college, and briefly **why** you are interested in this workshop.

Wrap-up activities

Address and **discuss the ideas on the flip charts** (questions 1 through 4).

Compile a **list of concrete suggestions** for instructors and LPC that we can share with the campus.



Image generated by DALL-E:

“A chalk pastel drawing of an endless field of green grass in summer” (3/16/23).

THANK YOU

for coming to our session and
exploring this brave new world with us!



Or if you prefer: <https://tinyurl.com/26mc67vr>