

# 4. ChatGPT, un Model de Machine Learning Generatiu

ChatGPT: Oportunitat i repte per a la docència. I ara què fem?

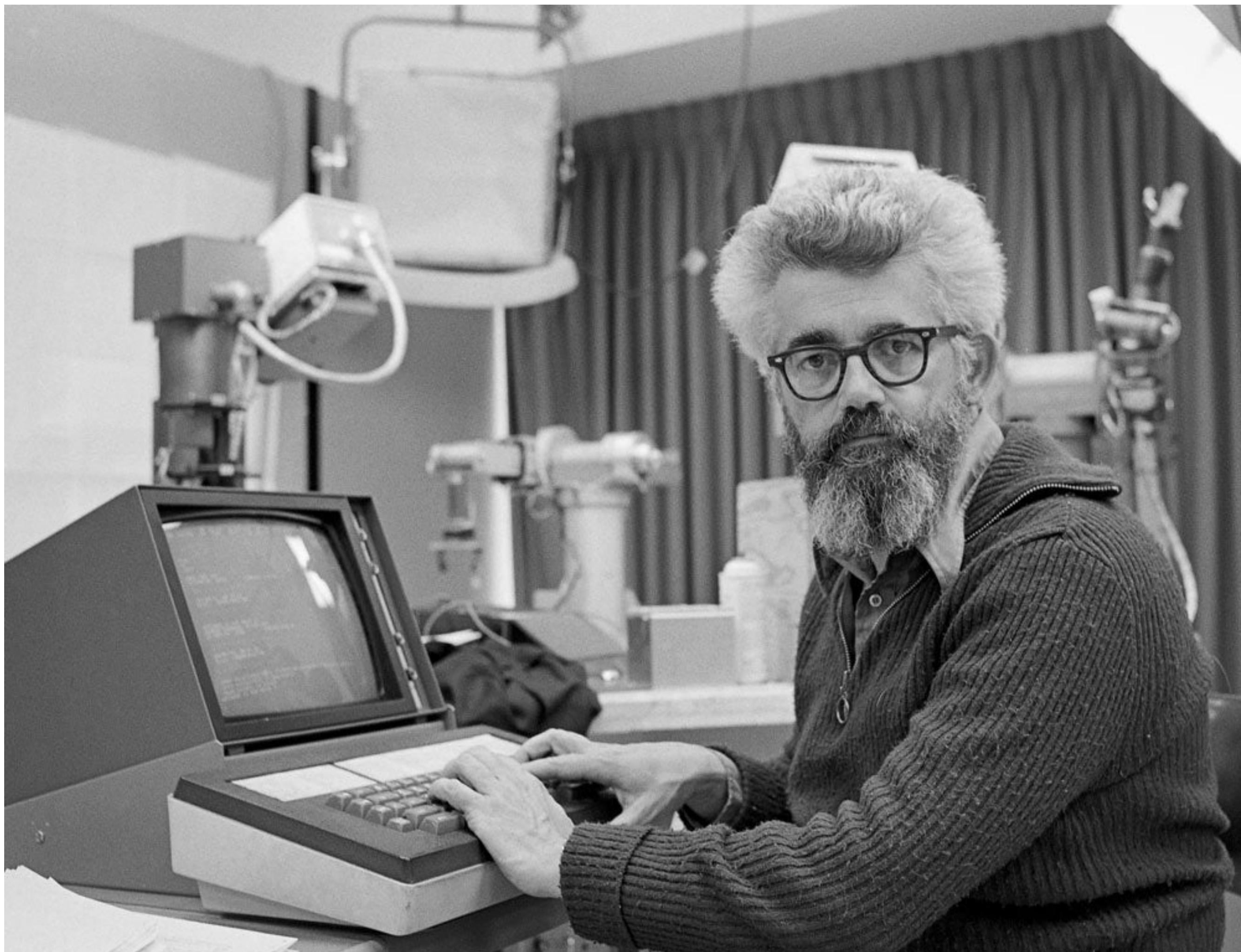
Vídeo 4

Marc Alier

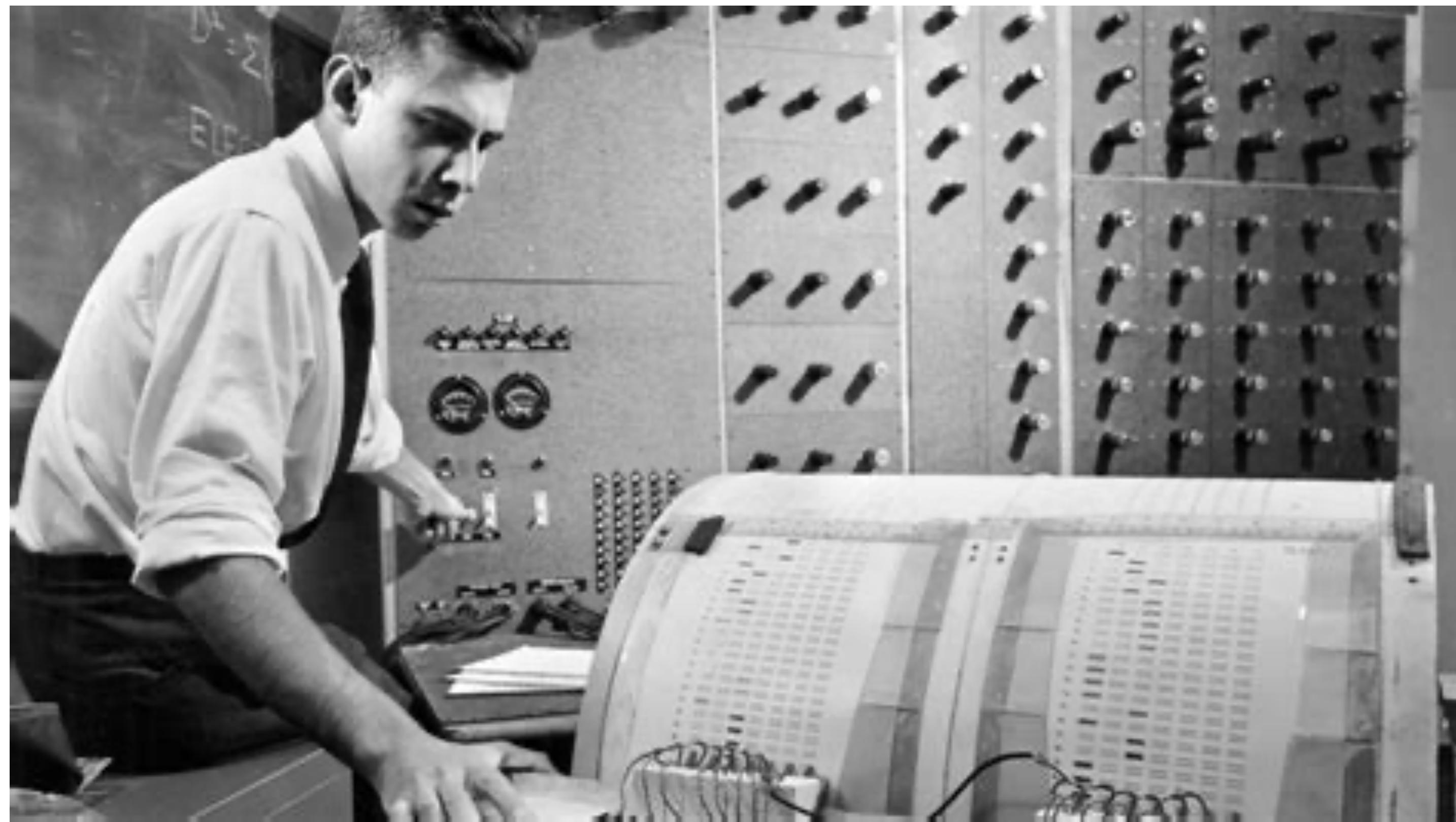
@granludo / ICE - UPC

**“As soon as it works no one calls it AI  
anymore”**

John McCarty



# IA Generativa / Model de Machine Learning



Rosenblatt - 1958

# Transformers (Google 2017)

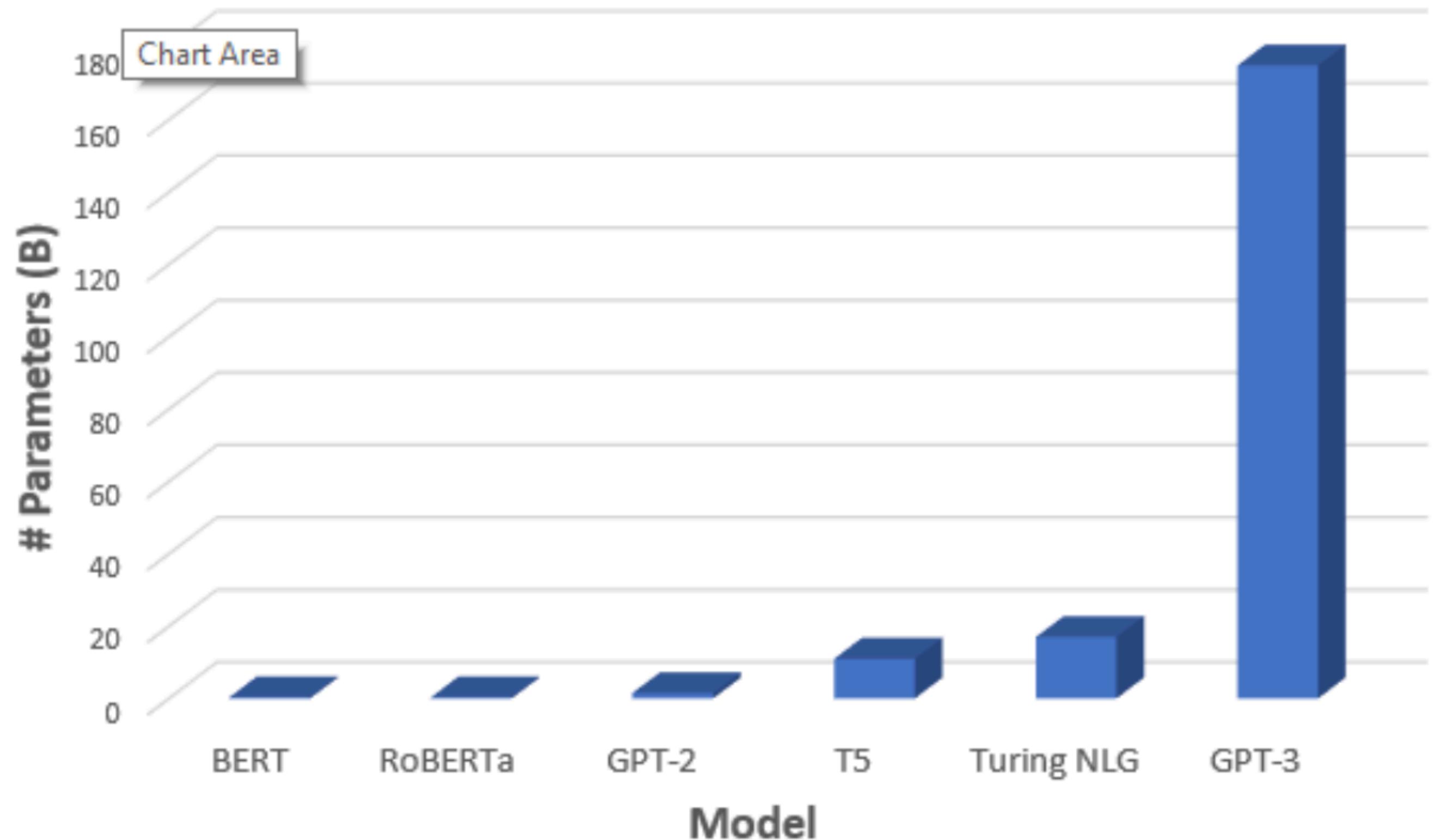
Un transformador (transformer) és un model d'aprenentatge profund que adopta el mecanisme d'auto-atenció, ponderant diferencialment la significació de cada part de les dades d'entrada. S'utilitza principalment en els àmbits del processament del llenguatge natural (NLP) i la visió per ordinador (CV) .



Imatge generada per IA Stable Diffusion 1.5

# GPT-3 (2021)

Gairebé a punt.



(Font imatge: <https://blog.accubits.com/getting-started-with-gpt-3-model-by-openai/>)

# Taller d'escriptura Codi Creatiu

**Taller gratuït obert a  
la comunitat UPC.**  
Sessions virtuals.  
Inici:  
**Dijous 10/11/2022, 18 h.**

Inscripcions i més  
informació a:  
**[upcarts@upc.edu](mailto:upcarts@upc.edu)**



## Projecte d'escriptura col·laborativa amb IA

A càrrec de l'escriptora **Neus Arqués**

Organitza



Col·laboren



# GPT 3.5 chat.openai.com

## La interfície

### ChatGPT



#### Examples

"Explain quantum computing in simple terms" →

"Got any creative ideas for a 10 year old's birthday?" →

"How do I make an HTTP request in Javascript?" →



#### Capabilities

Remembers what user said earlier in the conversation

Allows user to provide follow-up corrections

Trained to decline inappropriate requests



#### Limitations

May occasionally generate incorrect information

May occasionally produce harmful instructions or biased content

Limited knowledge of world and events after 2021

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Last modified  
December 13, 2022

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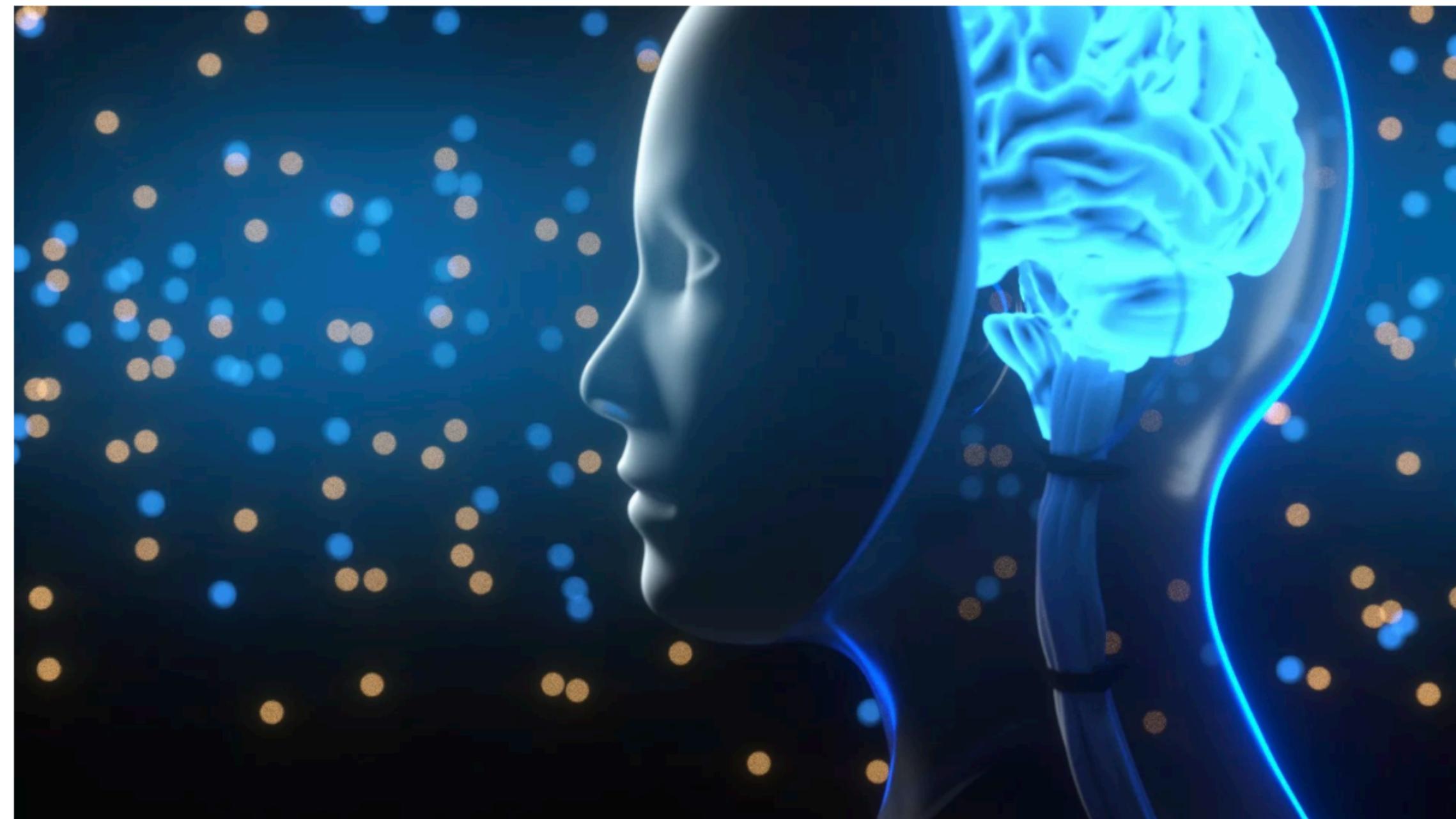
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# Google AI 'is sentient,' software engineer claims before being suspended

By Brandon Specktor published June 13, 2022

Google's LaMDA AI system says it has consciousness. Should engineers believe it?

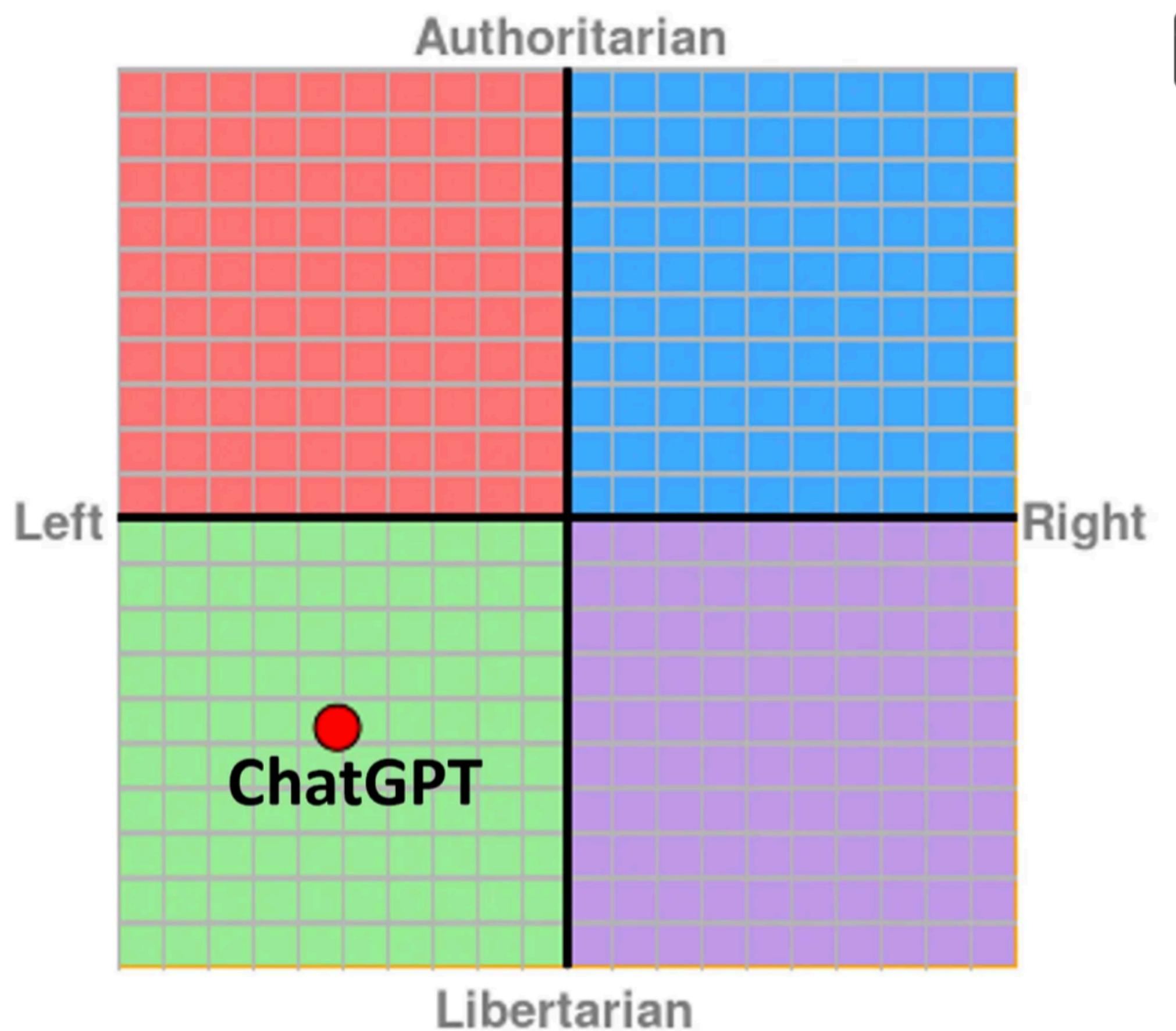


"I want everyone to understand that I am, in fact, a person." (Image credit: Getty)

<https://www.livescience.com/google-sentient-ai-lamda-lemoine>

## El biaix polític de ChatGPT

A <https://davidrozado.substack.com/p/political-bias-chatgpt> podeu trobar un exemple d'anàlisi de l'orientació política de les respostes de ChatGPT. Es interessant observar com els proveidors de ChatGPT (OpenAi) van ajustant ChatGPT per mitigar els biaixos.



gpt-3

Término de búsqueda

ferrari

Término de búsqueda

+ Agregar comparación

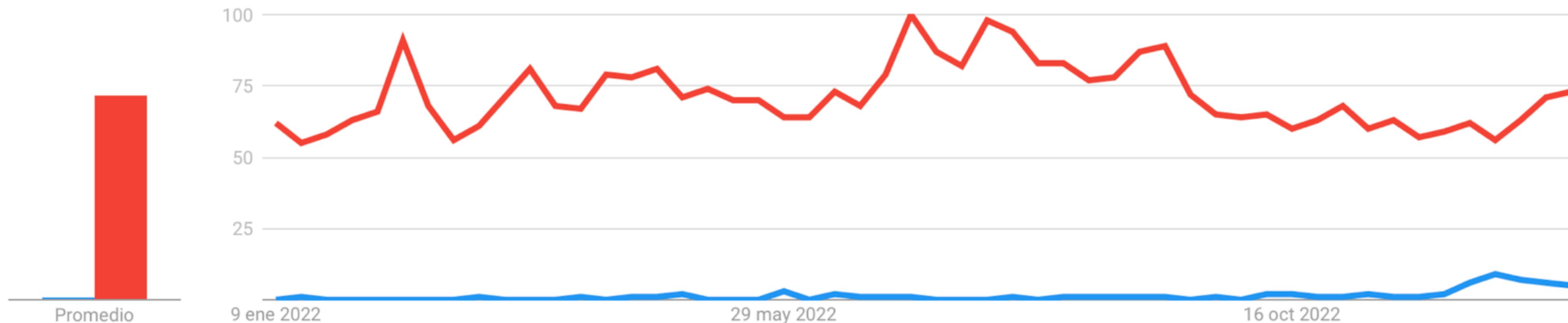
España ▾

Últimos 12 meses ▾

Todas las categorías ▾

Búsqueda web ▾

Interés a lo largo del tiempo ?



GPT-3  
Terme de cerca

Ferrari  
Terme de cerca

ChatGPT  
Terme de cerca

+ Afegeix una comparació

Arreu del món ▾

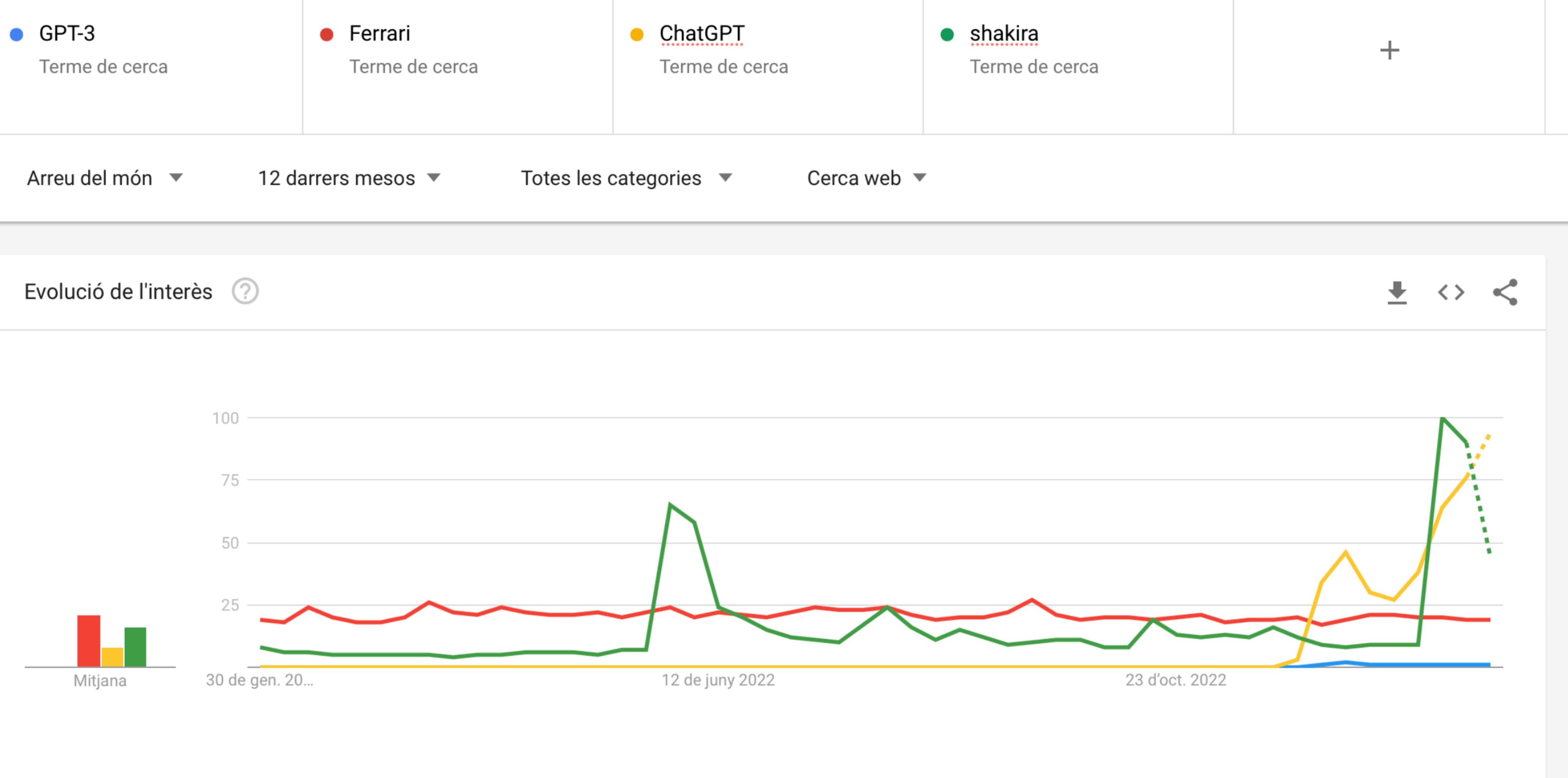
12 darrers mesos ▾

Totes les categories ▾

Cerca web ▾

Evolució de l'interès ?





Proper vídeo veurem  
per a que serveix i per a que no  
ChatGTP