

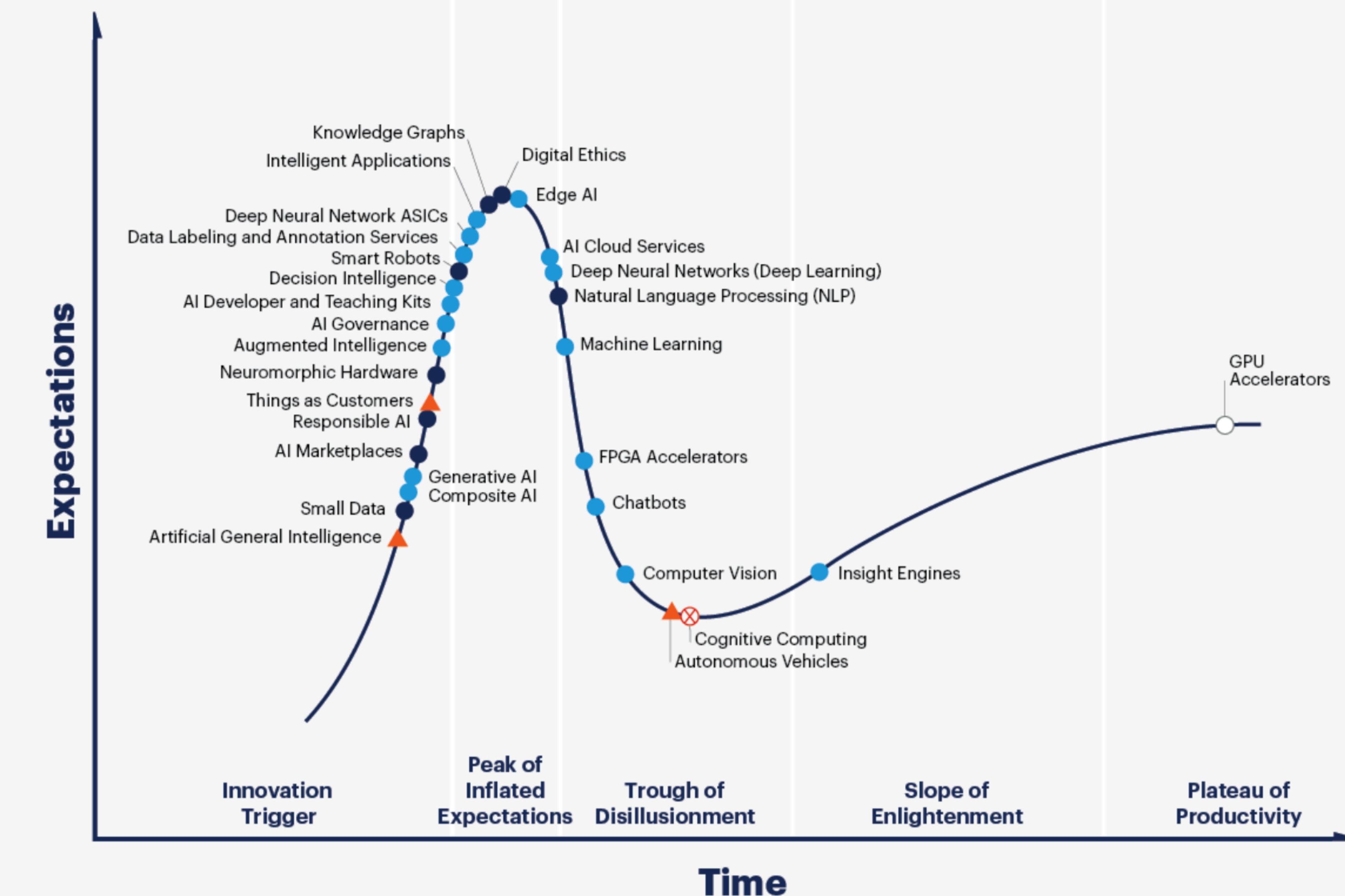
ChatGPT- Opportunity and Challenge for teaching

2. LLM Basics

Marc Alier - <https://wasabi.essi.upc.edu/ludo>

English version - August 2023

Hype Cycle for Artificial Intelligence, 2020





ChatGPT??

The Hype Cycle for Artificial Intelligence 2020 Reflects the State of AI in the Enterprise

By Svetlana Sicular | July 29, 2020 | 0 Comments

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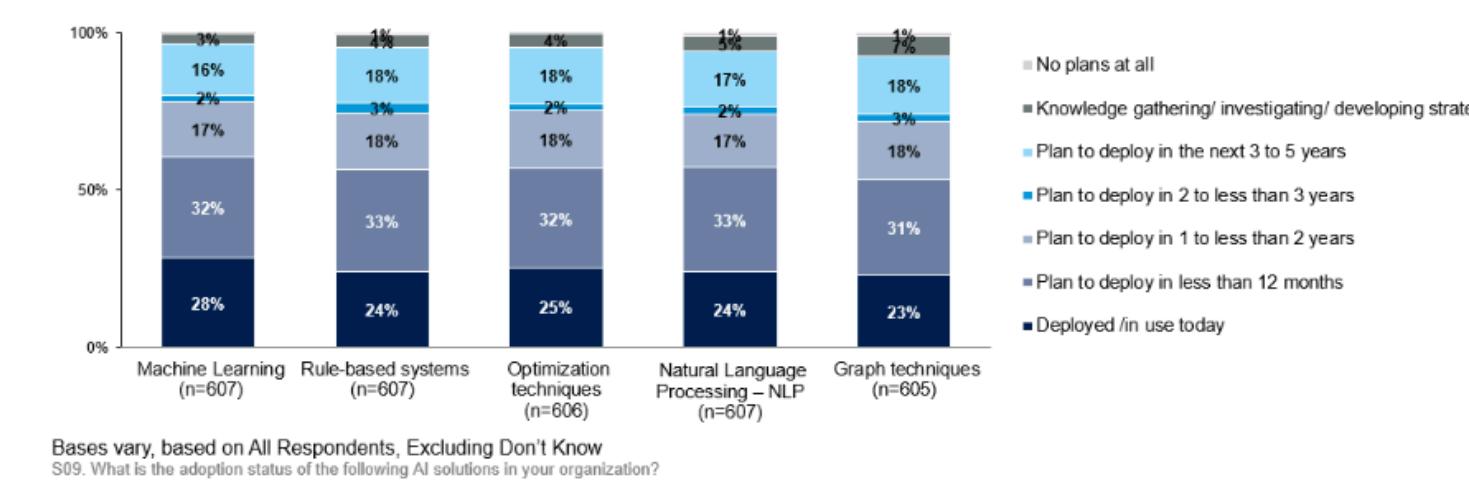
[AI In The Enterprise](#) [AI](#)

The annual [Hype Cycle for Artificial Intelligence, 2020](#) is just published! Yay! AI as a concept is rolling off the top of the Peak of Inflated Expectations. (Yay!) It is time for production deployments, and that reveals new challenges. Some of these challenges are not really unheard of – they reflect a lack of capabilities fully expected in software engineering, for example, quality assurance and tools for managing AI in production. But some challenges are novel: With AI advances come greater concerns about responsible development of AI systems.

What's new this year? What captures the imagination and promise new solutions to tough problems? Five innovation profiles debuted on the hype cycle 2020:

- **Composite AI** refers to the combination of different AI techniques to achieve the best results. Our recent survey about AI in the organizations confirmed that machine learning is only one technique among others.

AI Adoption by type of Techniques



- **Generative AI** is the next frontier compared to the AI methods that directly extract numeric or categorical insights from data. It creates original artifacts or reconstructed content and data mainly thanks to the notable progress of GANs, BERT and GPT-2/GPT-3.
- **Small Data** as a concept indicates both the issue and approach to help those clients who ask us, "How should we get data for AI if we are not Google?" Different

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Hype Cycle for Artificial Intelligence, 2022



Plateau will be reached:

○ less than 2 years

● 2 to 5 years

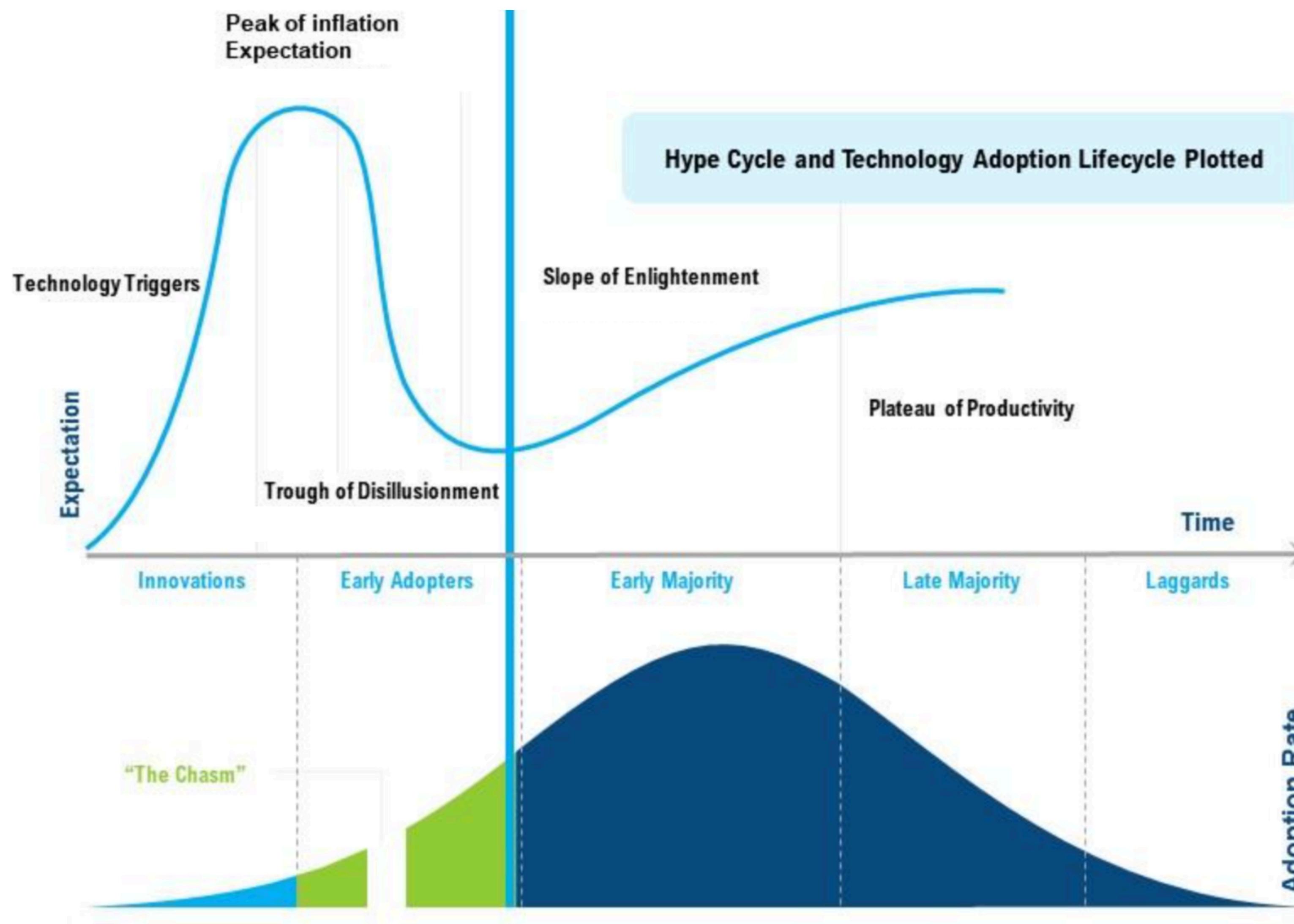
● 5 to 10 years

▲ more than 10 years

✖ obsolete before plateau

As of July 2022

Gartner Hype Cycle with Technology Adoption Cycle



Trend Analysis

gpt-3

Término de búsqueda

ferrari

Término de búsqueda

+ Agregar comparación

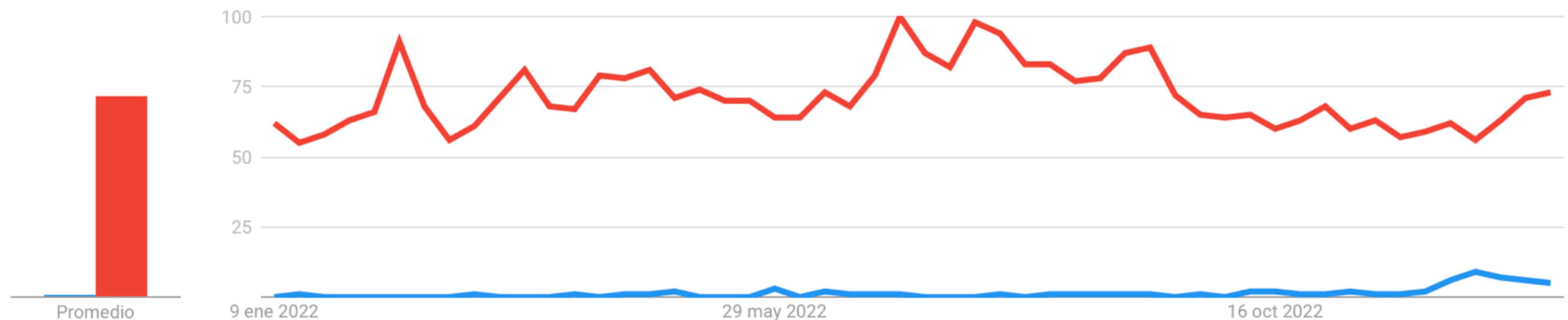
España ▾

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



● GPT-3

Terme de cerca

● Ferrari

Terme de cerca

● ChatGPT

Terme de cerca

● shakira

Terme de cerca

+

Arreu del món ▾

12 darrers mesos ▾

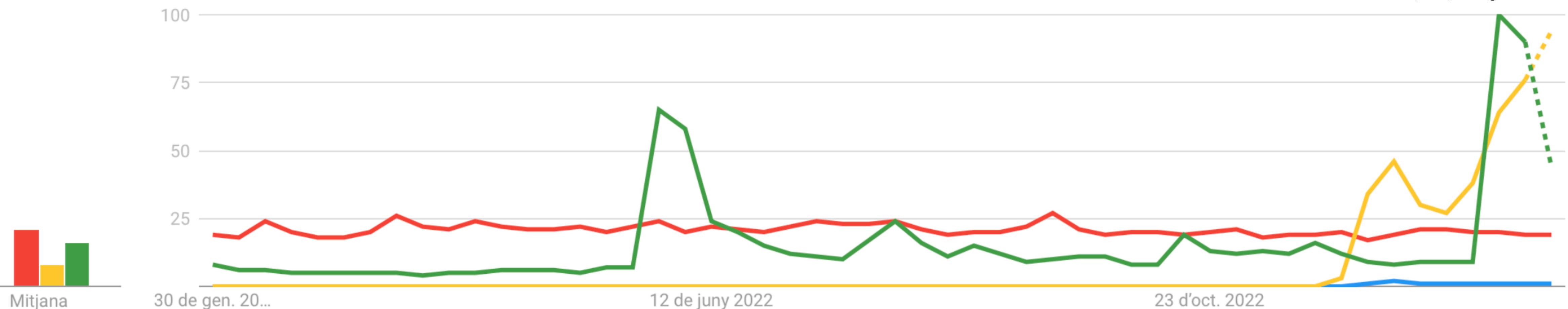
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Evolució de l'interès



piquegate



● chatgpt

Terme de cerca

● shakira

Terme de cerca

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Evolució De L'interès ⓘ



Trend Analysis and education

● chatgpt

Terme de cerca

● minecraft

Terme de cerca

+ Afegeix una comparació

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Evolució de l'interès ⓘ



● chatgpt

Terme de cerca

● minecraft

Terme de cerca

+ Afegeix una comparació

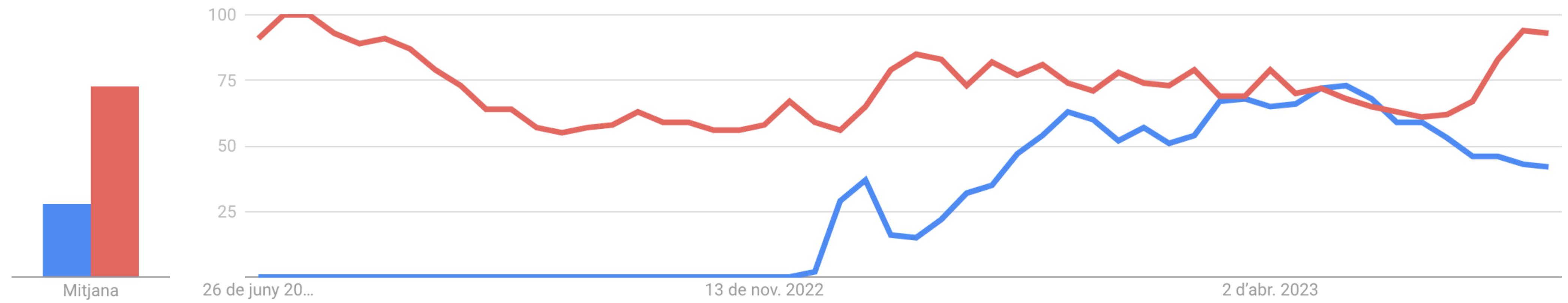
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12 darrers mesos ▾

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Evolució de l'interès



● chatgpt

Terme de cerca

● minecraft

Terme de cerca

+ Afegeix una comparació

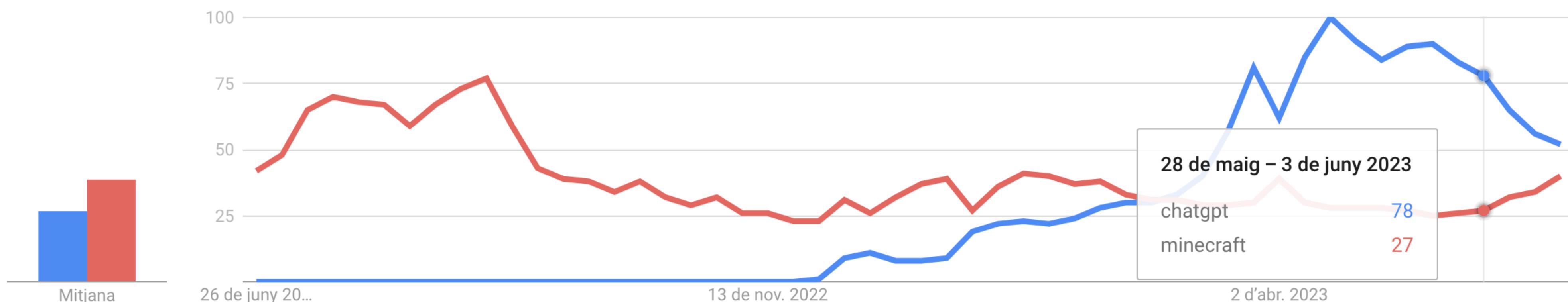
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Evolució de l'interès ?



● chatgpt

Terme de cerca

● minecraft

Terme de cerca

+ Afegeix una comparació

Espanya ▾

12 darrers mesos ▾

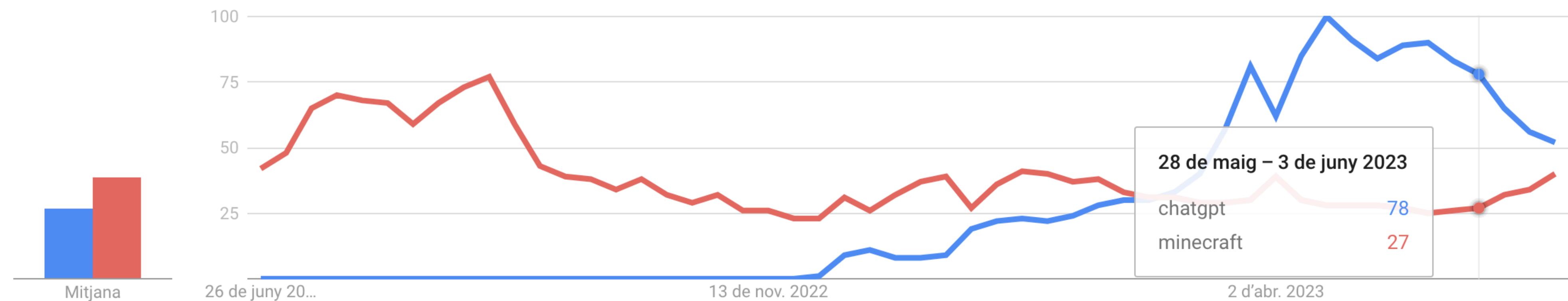
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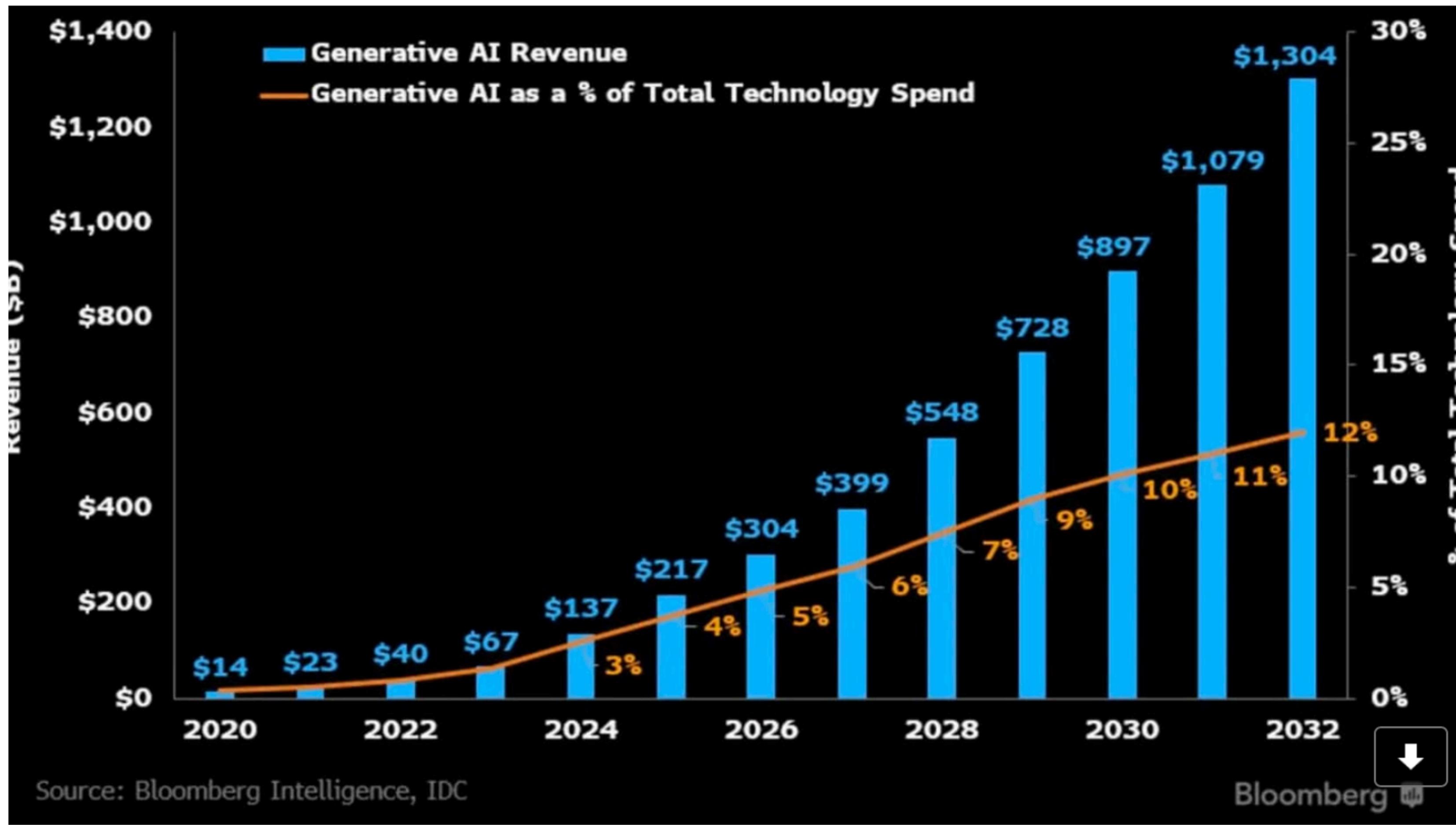
Evolució de l'interès ?



Academic course ends !!



AI Spend Set to Hit \$1.3 Trillion. According to a Bloomberg report, generative AI is set for huge growth. It's projected to jump from \$40 billion in 2023 to an amazing \$1.3 trillion in annual spending by 2032. And the report says that this growth will be led by big companies like Amazon/Google, rather than new innovative startups.

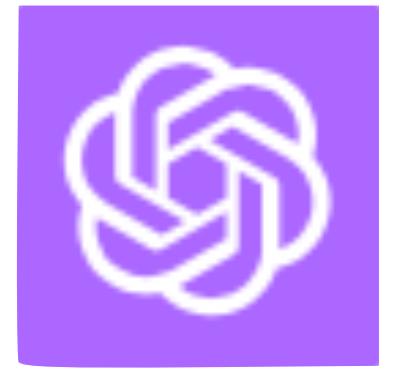


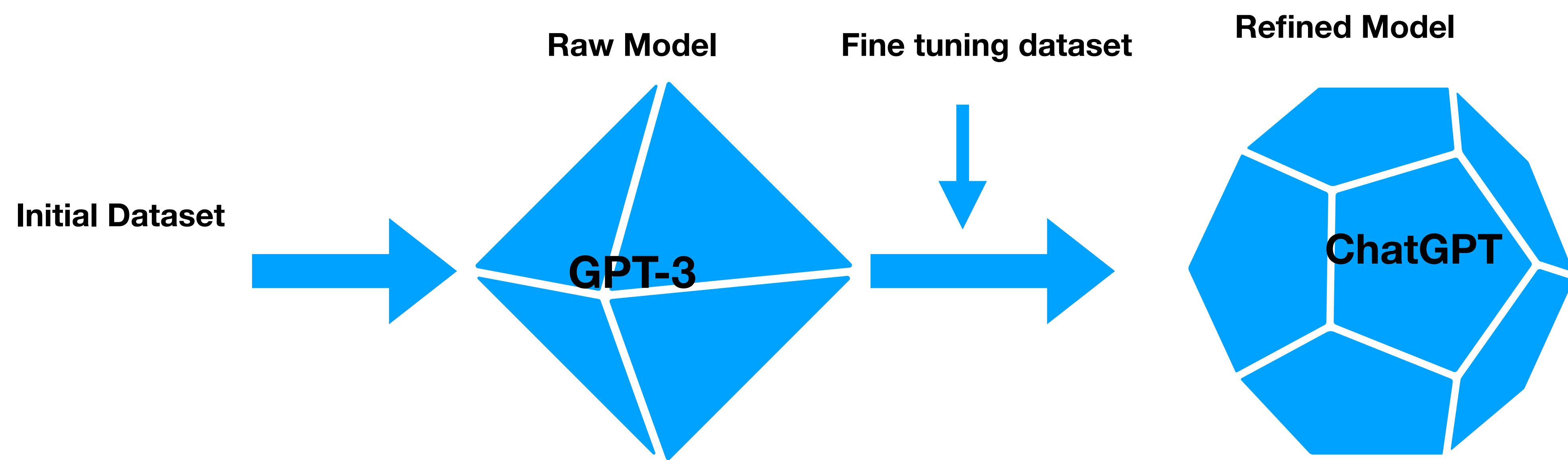
GPT-3.5 turbo



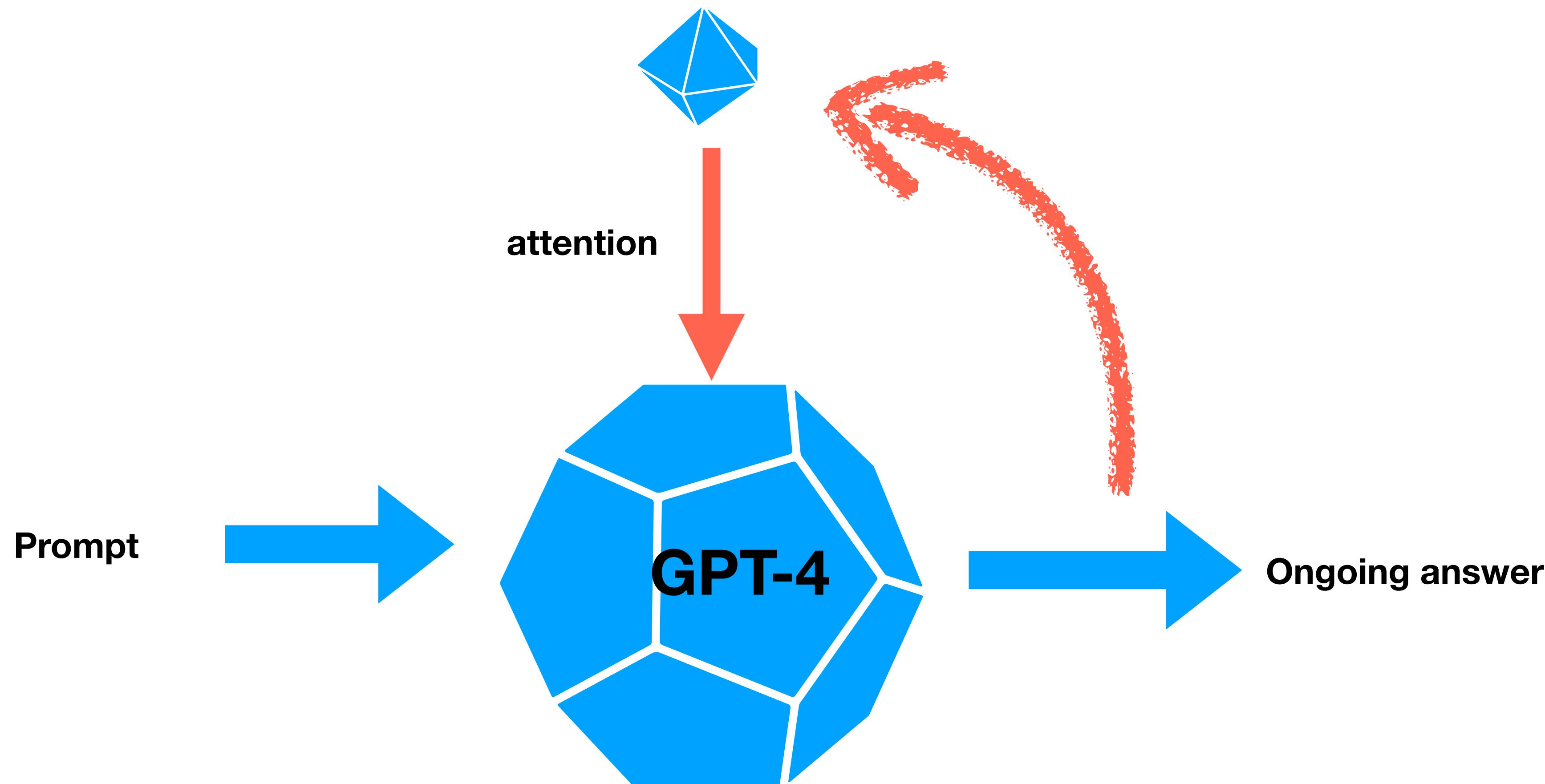
GPT-4







Context/Session
(Previous Prompts and answers)



Phrenology

Article [Talk](#)

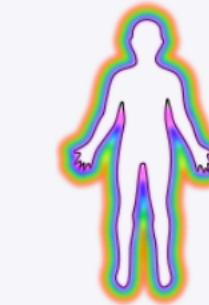
From Wikipedia, the free encyclopedia

Not to be confused with [Phenology](#).

For the music album by the Roots, see [Phrenology \(album\)](#).

Phrenology (from Ancient Greek φρήν (*phrēn*) 'mind', and λόγος (*logos*) 'knowledge') is a [pseudoscience](#) that involves the measurement of bumps on the skull to predict mental traits.^{[1][2]} It is based on the concept that the [brain](#) is the organ of the mind, and that certain brain areas have localized, specific [functions](#) or [modules](#).^[3] It was said that the brain was composed of different muscles, so those that were used more often were bigger, resulting in the different skull shapes. This led to the reasoning behind why everyone had bumps on the skull in different locations. The brain "muscles" not being used as frequently remained small and were therefore not present on the exterior of the skull. Although both of those ideas have a basis in reality, phrenology generalized beyond empirical knowledge in a way that departed from science.^{[1][4]} The central phrenological notion that measuring the contour of the skull can predict [personality traits](#) is discredited by empirical research.^[5] Developed by German physician [Franz Joseph Gall](#) in 1796,^[6] the discipline was influential in the 19th century, especially from about 1810 until 1840. The principal British centre for phrenology was Edinburgh, where the [Edinburgh Phrenological Society](#) was established in 1820.

This article is part of a series on
Alternative medicine



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Phrenological skull, European, 19th century. Wellcome Collection, London

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