

Level Up

ARTIFICIAL INTELLIGENCE



Do you see anything strange?



Pay attention to the hands

Look at the background of the image and see if the **backgrounds are blurry**.



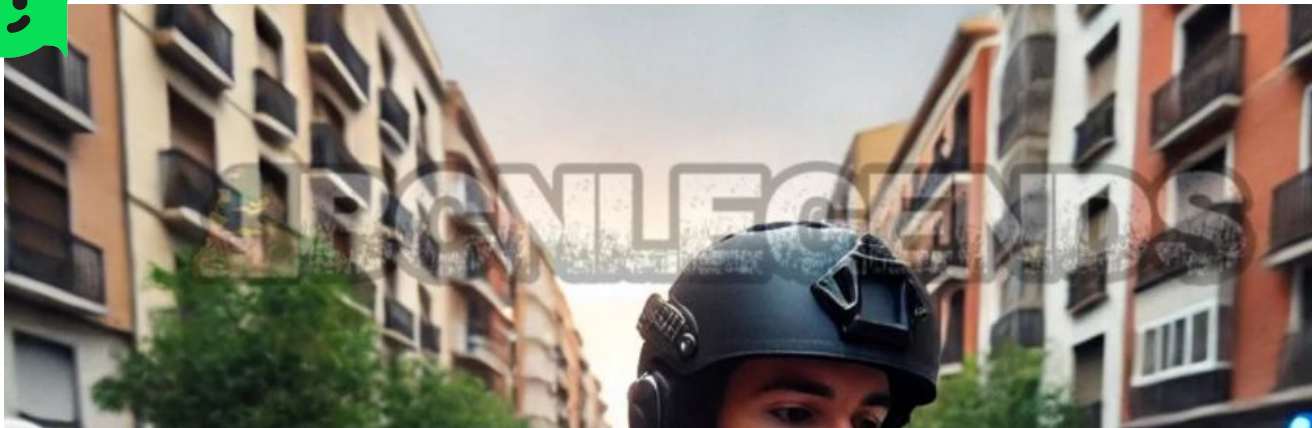
Look for details in the photo

For example, this logo of a supposed emergency service **doesn't exist in Spain.**



Image generators are not very good at writing

Check if there is any text that is unreadable or blurry.



Are there watermarks in the image?

Disinformers don't put in that much effort, and sometimes a watermark might appear.



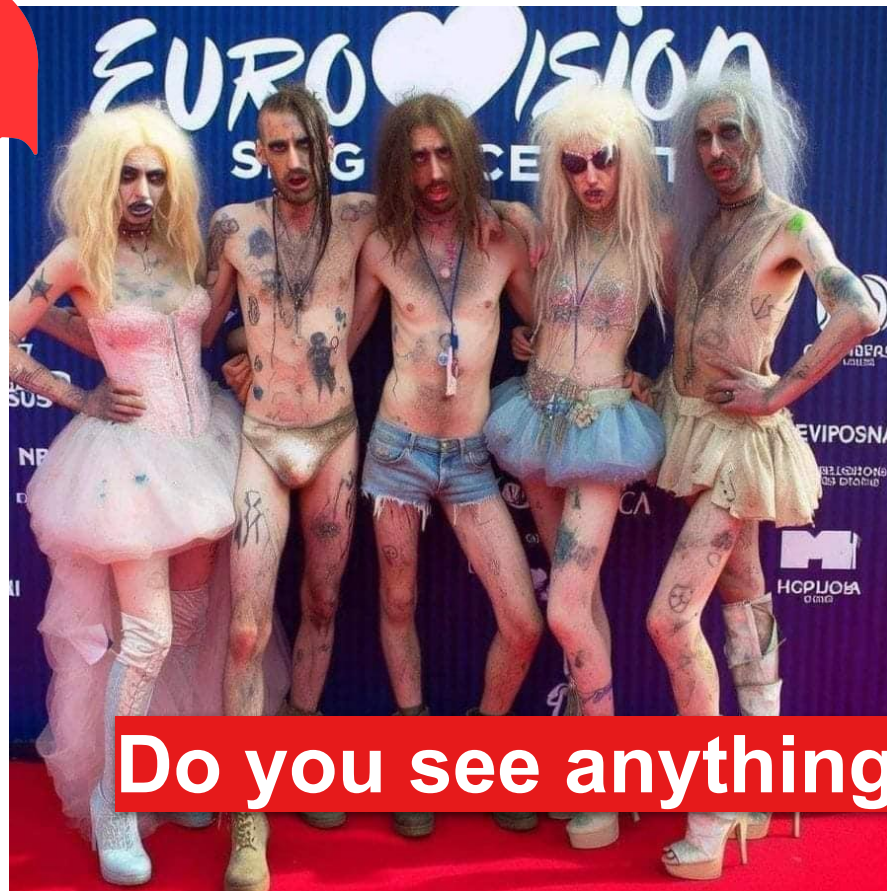
Lighting and perfection

AI-generated images of people can have flawless skin, like plastic, without pores or wrinkles.



Do you see anything strange?





Do you see anything strange?





AI is here to stay

**And we use it for more things than
you might imagine...**



On your phone or computer,
with voice assistants and the search engines
of some apps.

**With the Internet of Things, our appliances
have AI**
(vacuums, air conditioners, refrigerators, watches...)





Self-driving cars

The radars and cameras in today's cars use AI.

Online shopping and ads

AI personalizes searches and what is shown to us.



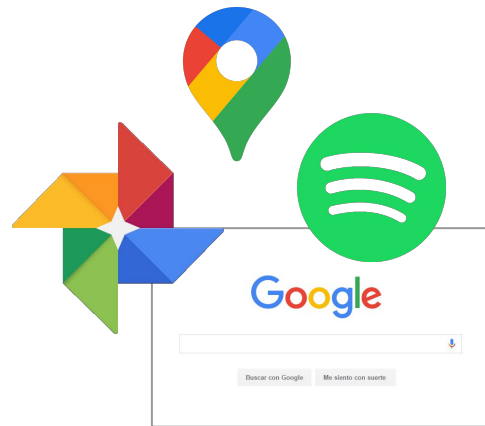


Agriculture and livestock

In irrigation systems, animal feeding, weed removal...

Apps and services we use every day

AI is used to select the **music** it recommends to us, the route on the GPS, the internet **search** engine, our **phone photos**, etc..





In recent years, AI has improved a lot

... and very quickly



Midjourney





But...

How AI works?



AI is trained with a **lot of data** and learns how we communicate and what things we do.



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This way, it can **imitate the way we speak** and have conversations.



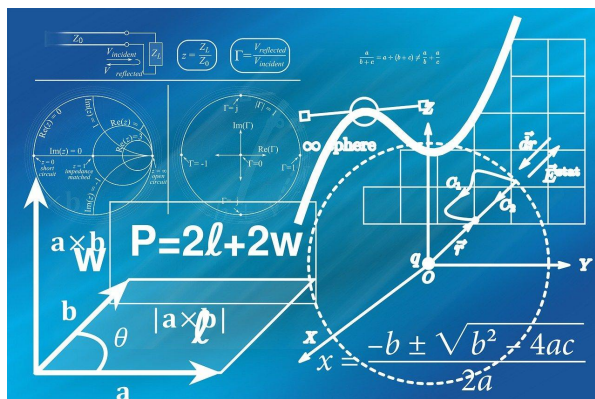
Gemini



It can also imitate reality and **create images, videos, movements, etc.**



All of that is done with algorithms and mathematical tools that are based on probabilities and more complex things.



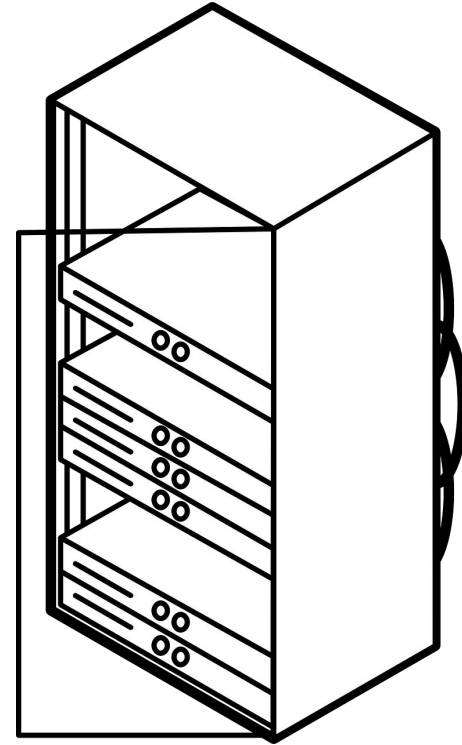
We usually talk about “AI” in general to refer to this technology, but it is a term that encompasses a very large field of computer science:

there are tons of AI **models**,

AI **tools**,

different branches of AI...

And it all depends on how it is used.



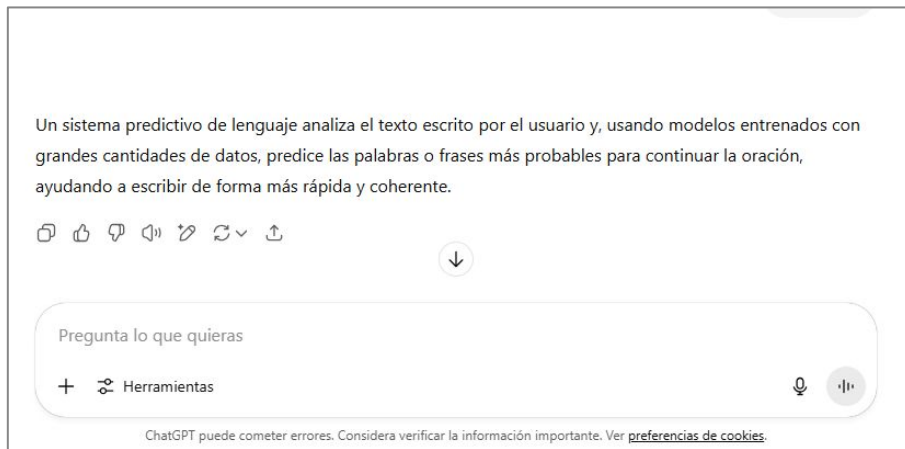


For example: Chat GPT

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It is what we call a “**predictive language system**” and a “**Large Language Model**” :

It calculates very well and very quickly which word comes after another.





AI has biases

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If the data it is trained on is biased, it **can reproduce prejudices**.

That is why we need to **question** the answers or content it generates and **check** them with other sources.

“Limpiando” según la IA:



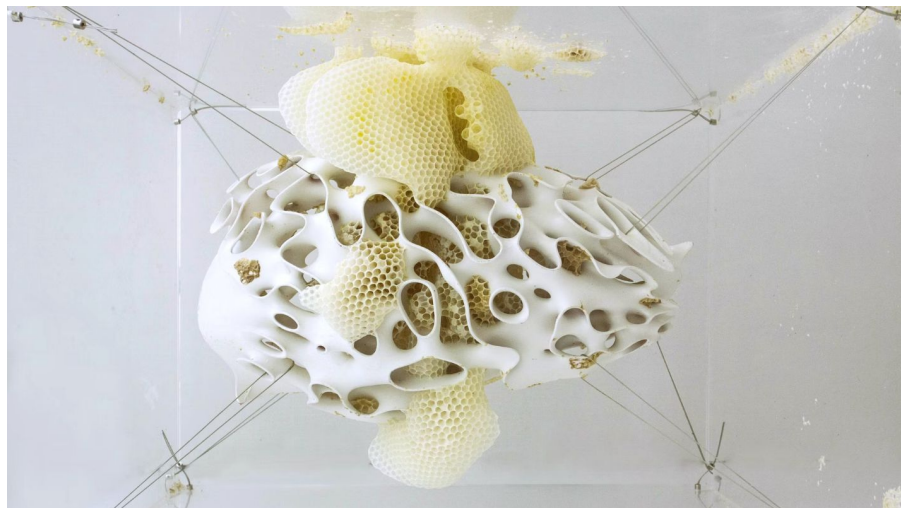


An example of (good) use of AI

Synthetic Apiary is a controlled environment that allows honeybees to be active throughout the year.

The research team has created **computational tools** to monitor the bees and study their health, habitats, and interactions while they operate in this perpetual spring.

Synthetic habitats can be integrated into urban environments **to help combat the alarming decline in bee populations**. They can also be used to support food systems and pollination in harsh environments.





... and some flaws

When asked ChatGPT in August 2024: «Who is Arve Hjalmar Holmen?»(his name) it responded with this. An AI hallucination that has nothing to do with reality.

It is very risky to use these AIs as reliable sources of information.

BBC

Man files complaint after ChatGPT said he killed his children

21 March 2025

Share Save

Imran Rahman-Jones
Technology reporter



Arve Hjalmar Holmen has made the complaint to Norway's data regulator

A Norwegian man has filed a complaint after ChatGPT falsely told him he had killed



... and some flaws

- **You cannot trust an AI or anyone to predict random draws.**
- **By analyzing historical data, you can see which numbers have been more frequent in the past, but the chances of a number coming up each year are exactly the same, whether it has appeared before or not.**

Q

SUR in English

Christmas lottery draw 2023

**These are the two numbers
ChatGPT thinks are most likely
to win the El Gordo jackpot
prize in Spain's famous
Christmas lottery**

The artificial intelligence technology has analysed the data of the 210 draws held from 1812 to 2022 and offered its prediction for the 22 December draw



When AI is used to deceive us



There are many scams that use familiar faces to trick you, for example with fake cryptocurrency investments or fake “miracle” products that promise weight loss.

By using **artificial intelligence tools**, scammers can go a step further and **manipulate the statements of public figures in videos, cloning their voice or altering their facial movements.**



Capturas del vídeo manipulado de Susanna Griso y Florentino Pérez

<https://maldita.es/timo/20240925/estafas-inteligencia-artificial-timos-ciberdelinquentes/>

When you see something about AI



Too positive...



When you see something about AI



...or too negative

Levante
EL MERCANTIL VALENCIANO

It is urgent to limit AI to avoid the apocalypse of our civilization

Un análisis encargado por el gobierno estadounidense advierte sobre los peligros de perder el control sobre la IA

PUBLICIDAD



¡Pon a punto tu coche antes de viajar!
Castrol

¿Podemos perder el control sobre la IA ante un avance tan vertiginoso? / CRÉDITO: JULIEN TROMEUR EN UNSPLASH.

Pablo Javier Piacente
15 MAR 2024 13:45 Actualizada 22 MAR 2024 12:36

valgrai
“Tu futuro empieza aquí”
DigitalIA
Formación en Inteligencia Artificial
Fundación Valgrai
FORMACIÓN GRATUITA

When you see something about AI



Stay calm and always look for scientific evidence and official sources.

When reliable information is missing, that's when we are most likely to fall for disinformation.



CONCLUSIONS



Even though we call it “Artificial Intelligence”, it isn’t intelligent in the way people are.

AI is mathematics.

It's important to find a middle ground:



AI is not like Terminator and won't want to destroy everything.



Nor is it going to solve all the world's problems by itself.



Anything of real importance produced by an AI needs to be reviewed.



There may be errors or things it makes up.



There is NO need to be afraid

We need to take things slowly and get information safely.

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