

COMPUTER & CONTROL SYSTEMS ENGINEERING DAY

AI FOR NOOBS

GUIDE FOR AI TOOLS

Will AI replace humans?

presented by / Omar Wahba

MY STORY



It all started
with
hello world



About me

- Graduated in 2020 with major in Mechatronics Engineering from Mansoura university.
- participated in many robotics competition.
- free lancer software engineer [2019 - now].
- TA at computer and control department [22 - now]
- Embedded software consultant at Thirdwayv Inc [23 - 24].



Need a volunteer !!





coriander

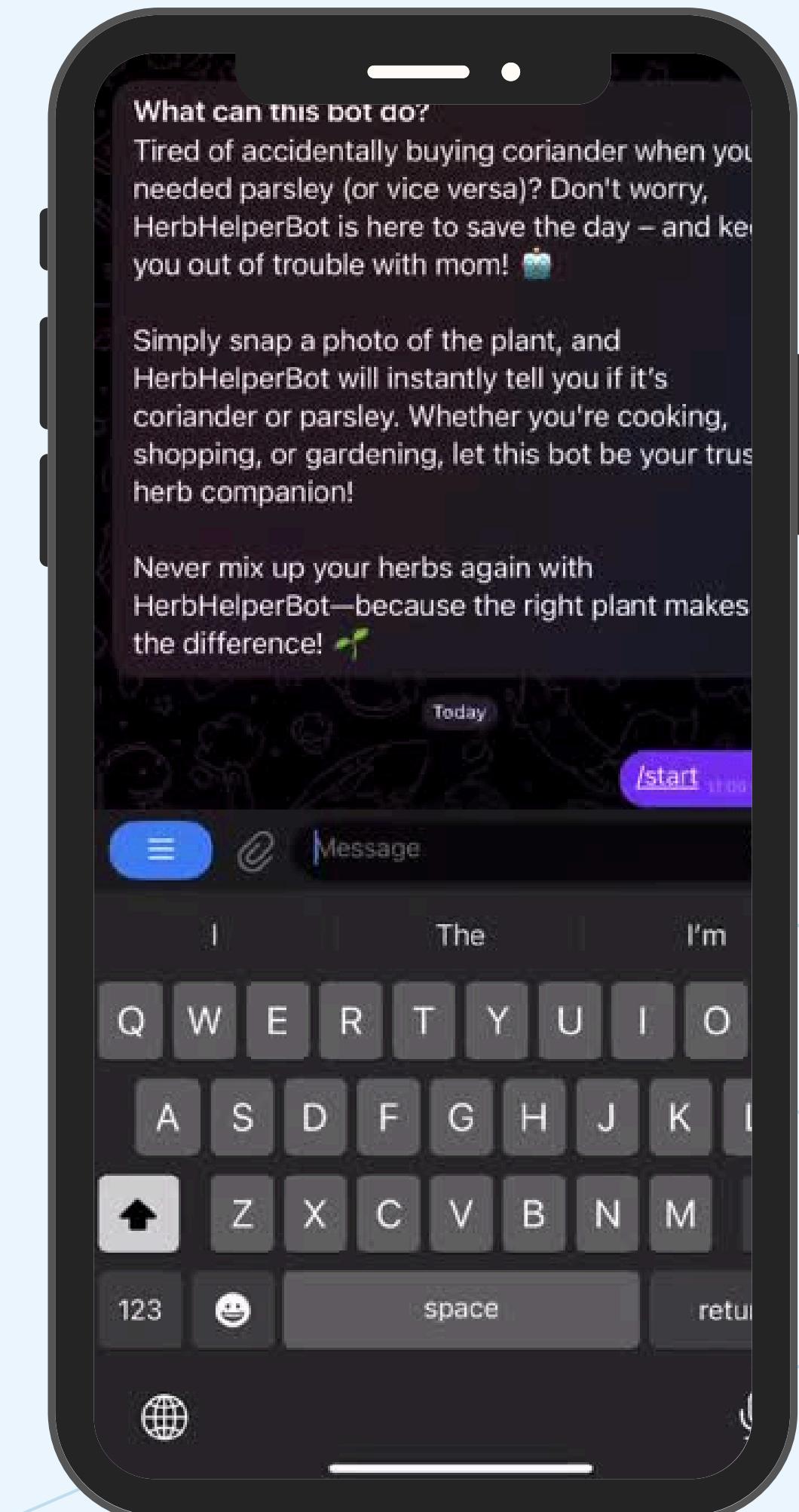
VS



parsley



Live Demo !



Live Demo !

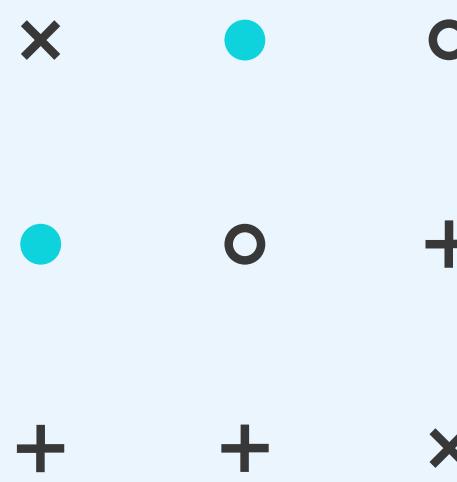


Behind the scene

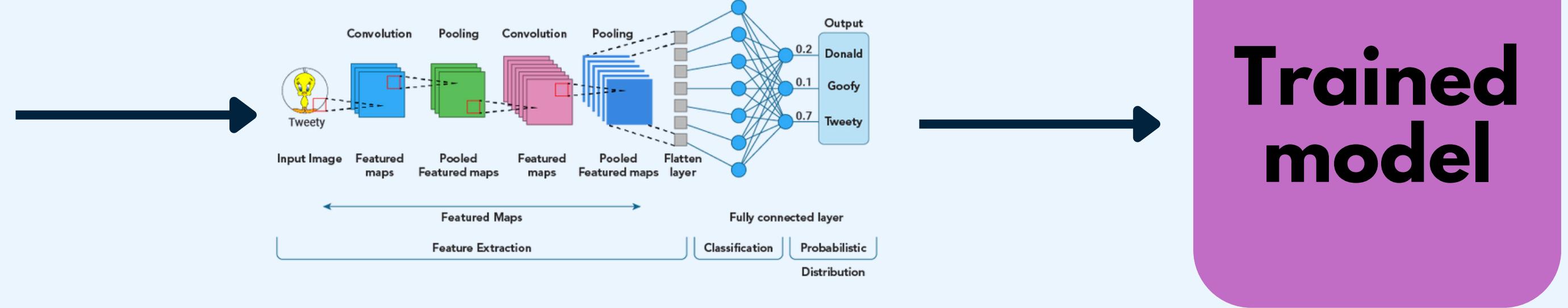
How the Telegram bot
works?



Before Nov 2022

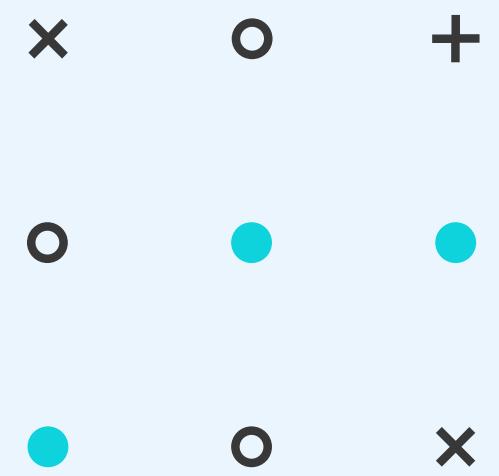


Gather the data

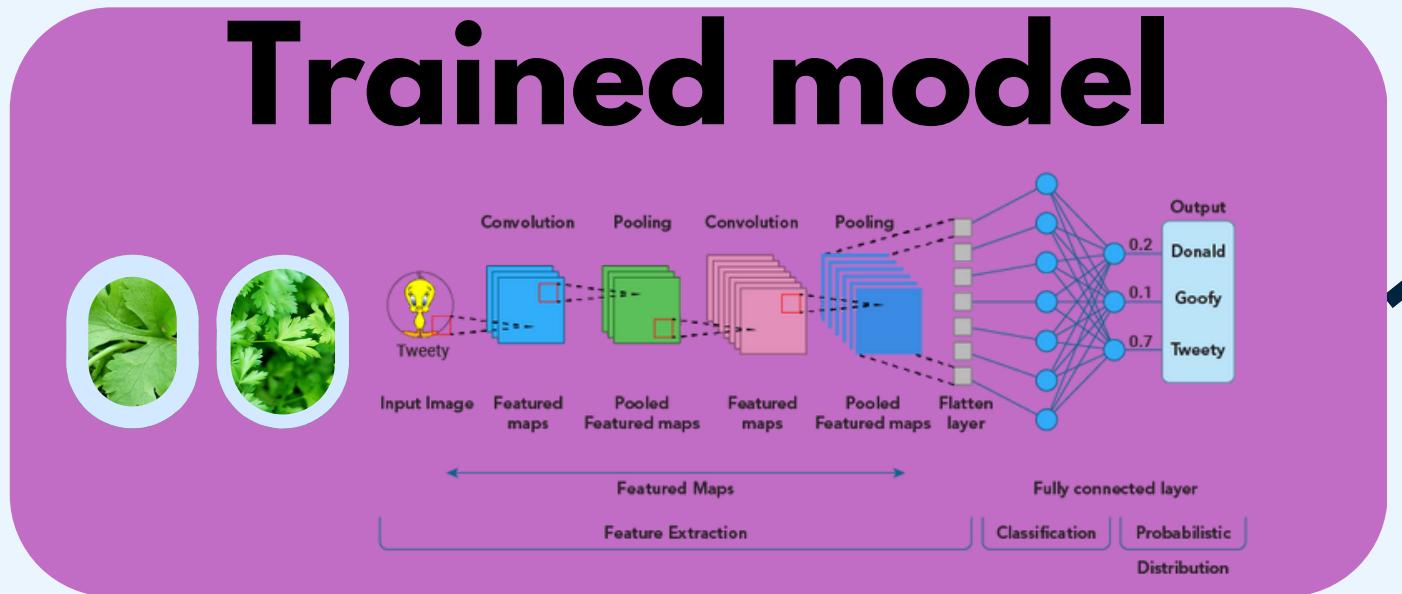


Choose suitable
machine learning model
CNN (Deep Learning)

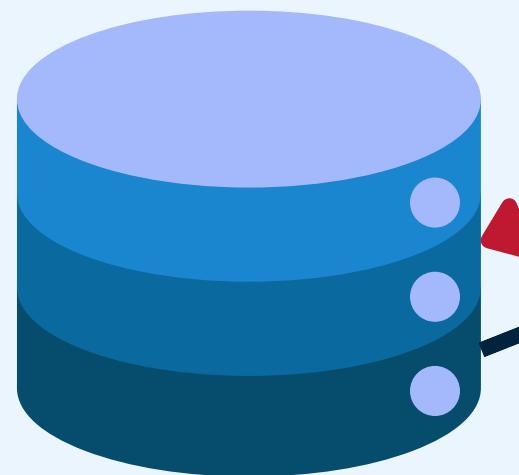
1-Day



Before Nov 2022

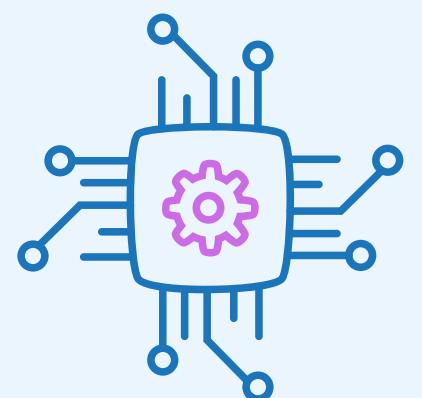


Deploy



processing power

2-Day

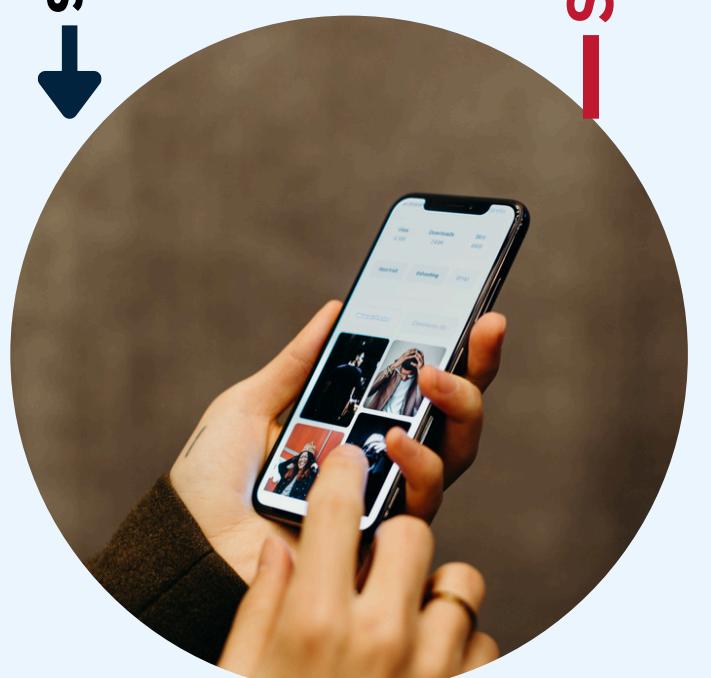


req prediction
send results

— send results —

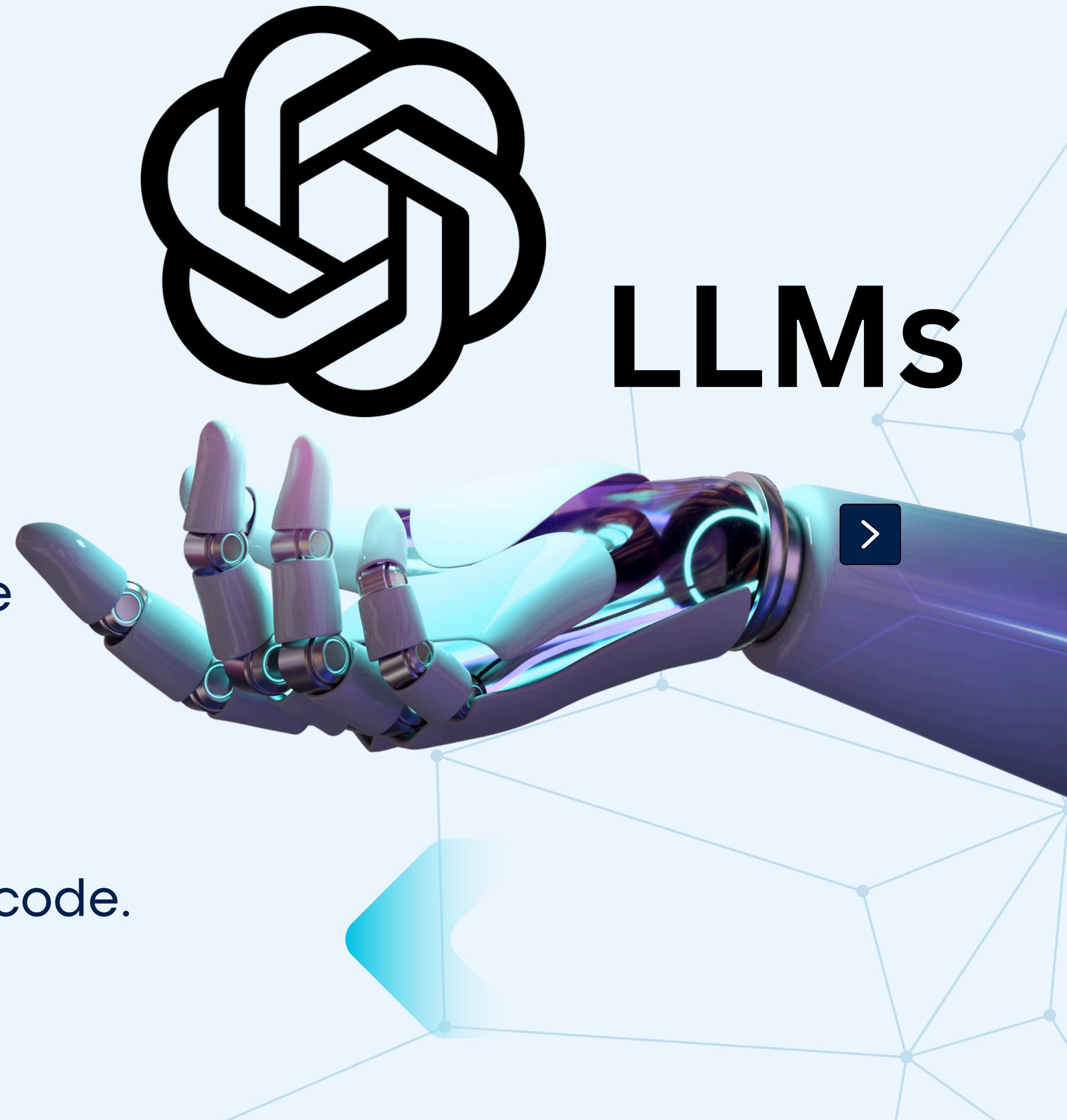


Send picture ↑



The Rise of ChatGPT

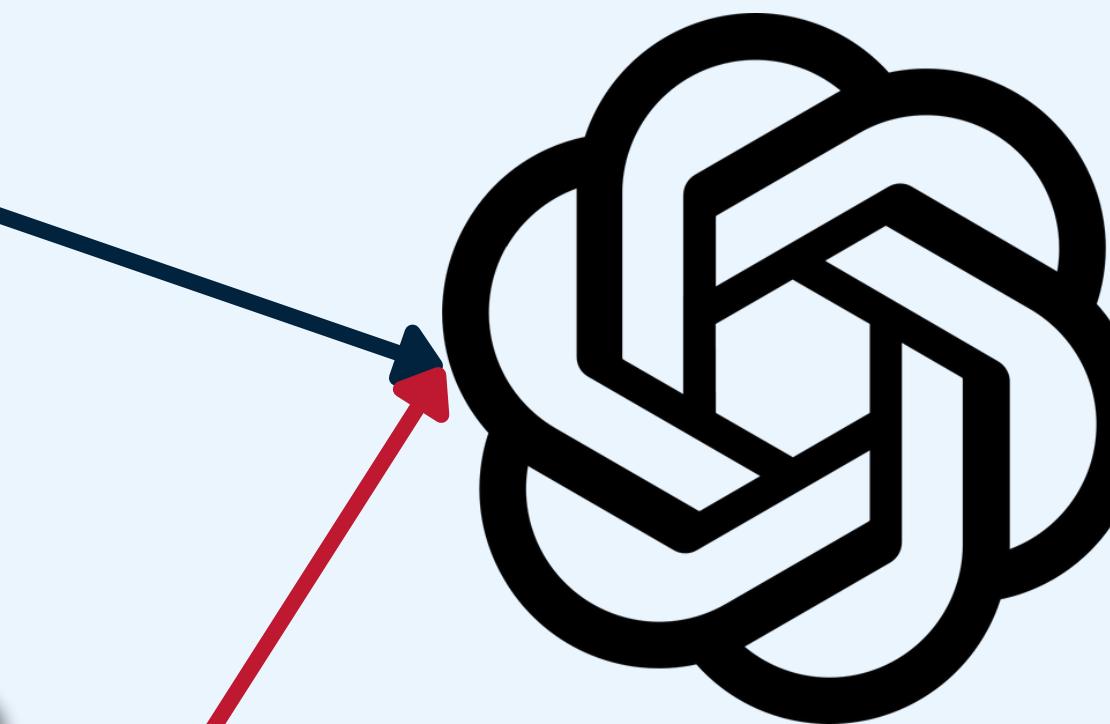
- understand the text and generate grate responses
- giving recommendations.
- Give a better start for creative.
- Help programmers to debug, generate code.
- Help students in learning.



GPT-4o-vision



picture



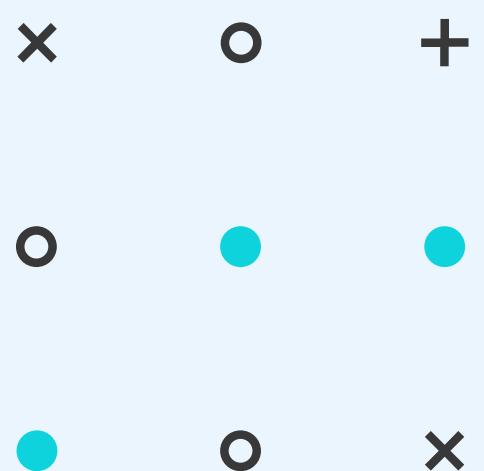
response

PROMPT

You are an **expert farmer** specialized in identifying herbs.

Is this Coriander or Parsley picture ?

Please respond with exactly one word
'Coriander' or 'Parsley' if the image is not a crop respond with '**Invalid image not a plant**', return the response in <Arabic>



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- +
- + + ×

MORE FEATURES..

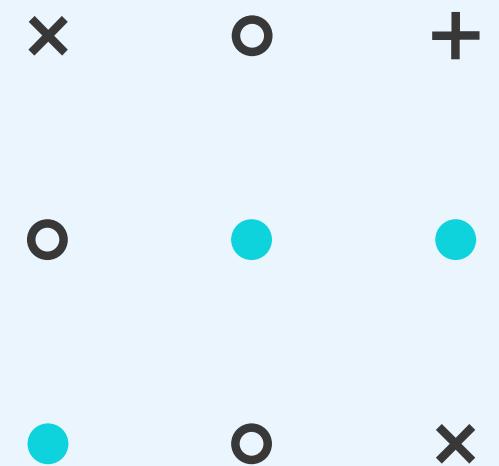
You are an expert farmer specialized in identifying herbs.

Is this Coriander or Parsley picture ?

Please respond with exactly one word

'Coriander' or 'Parsley' if the image is not a crop respond with 'Invalid image not a plant', return the response in Arabic.

Recommend me recipes done with the plant you identified of it is a valid image.



AI tools

Paraphrasing AI

[Quillbot](#)

grammar correction

[Grammarly](#)

language chatbots

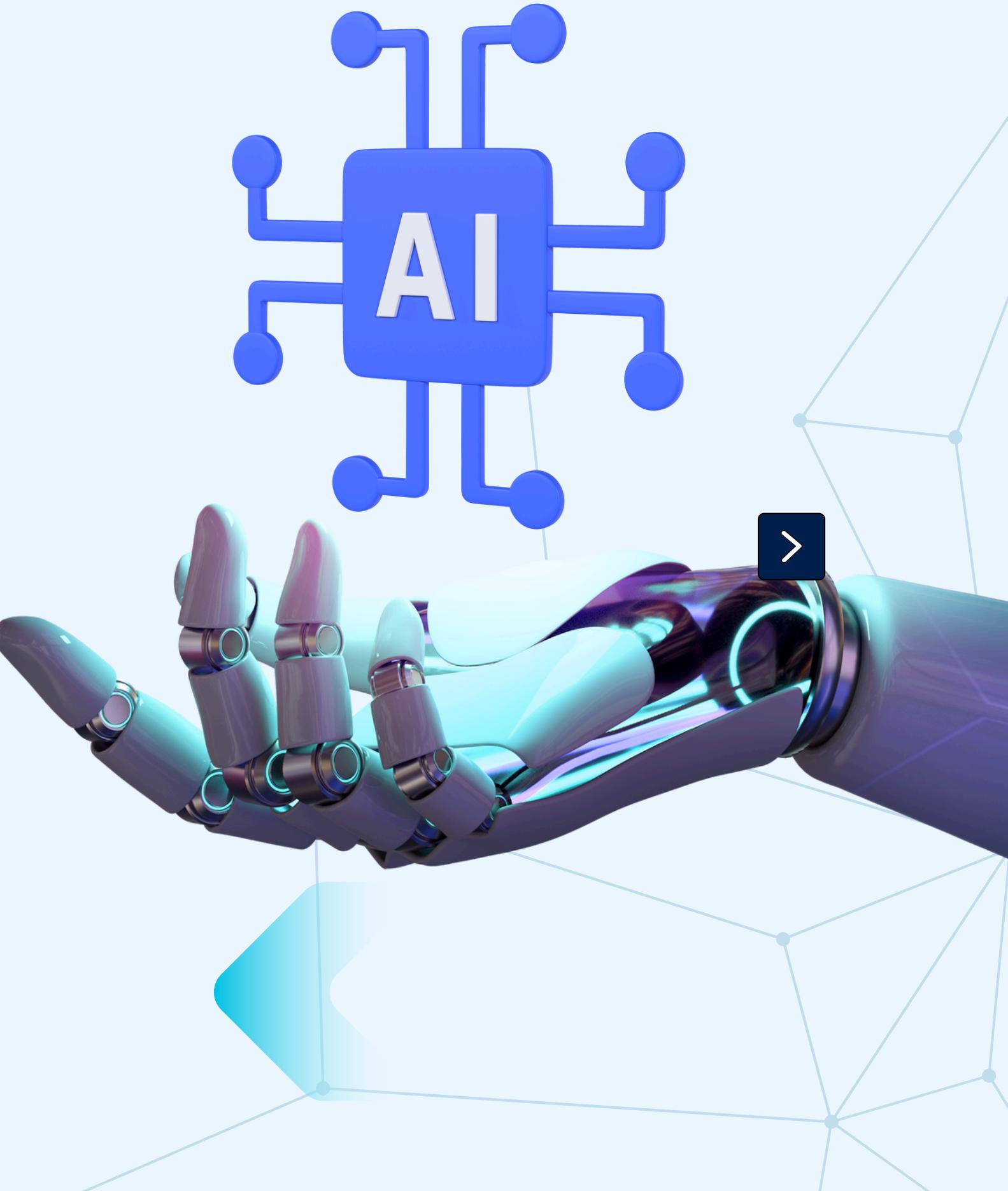
Image generation

[mid journey](#)

academia

[Coral Ai](#)

[research rabbit](#)



GPT store

[store link](#)

GPTs

Discover and create custom versions of ChatGPT that combine instructions, extra knowledge, and any combination of skills.

Q Search GPTs

Top Picks Writing Productivity Research & Analysis Education Lifestyle Programming

Featured

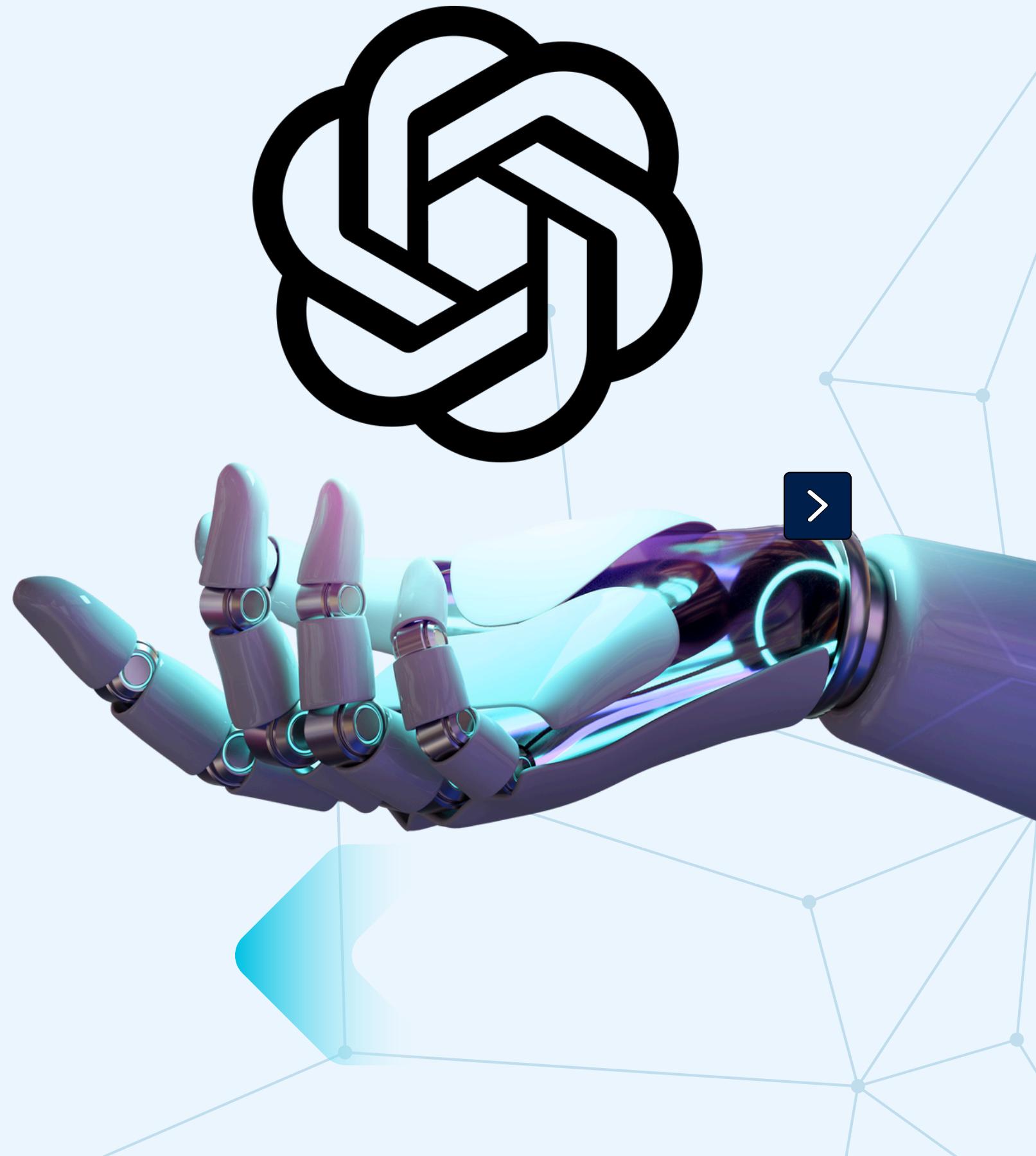
Curated top picks from this week

Code Tutor
Let's code together! I'm Khanmigo Lite, by Khan Academy. I won't write the code for you, but I'll hel...
By khanacademy.org

Whimsical Diagrams
Explains and visualizes concepts with flowcharts, mindmaps and sequence diagrams.
By whimsical.com

Resume
By combining the expertise of top resume writers with advanced AI, we assist in diagnosing and...
By jobright.ai

Universal Primer
The fastest way to learn anything hard.
By Siqi Chen



Will Ai replace humans?



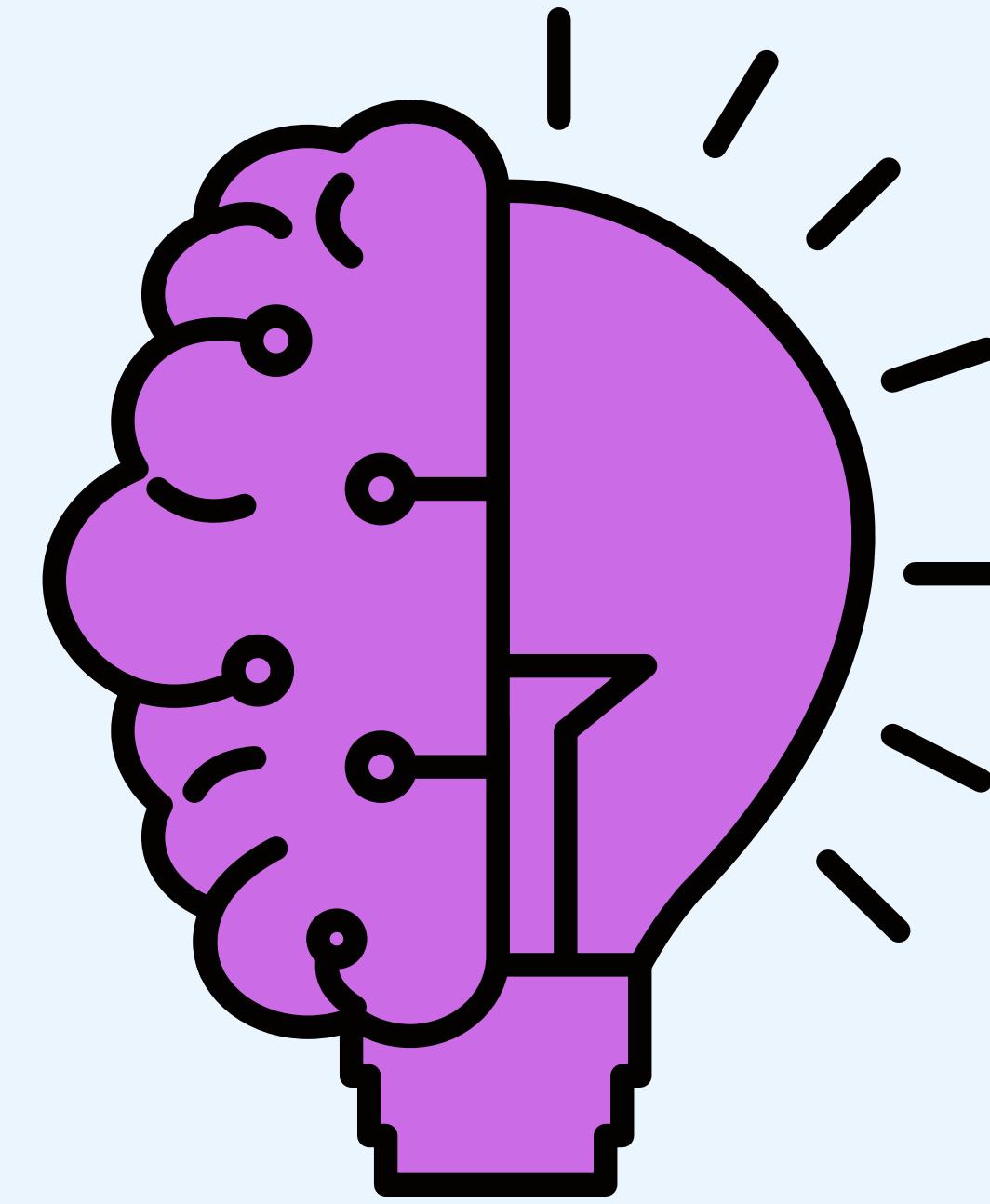
Will Ai replace humans?

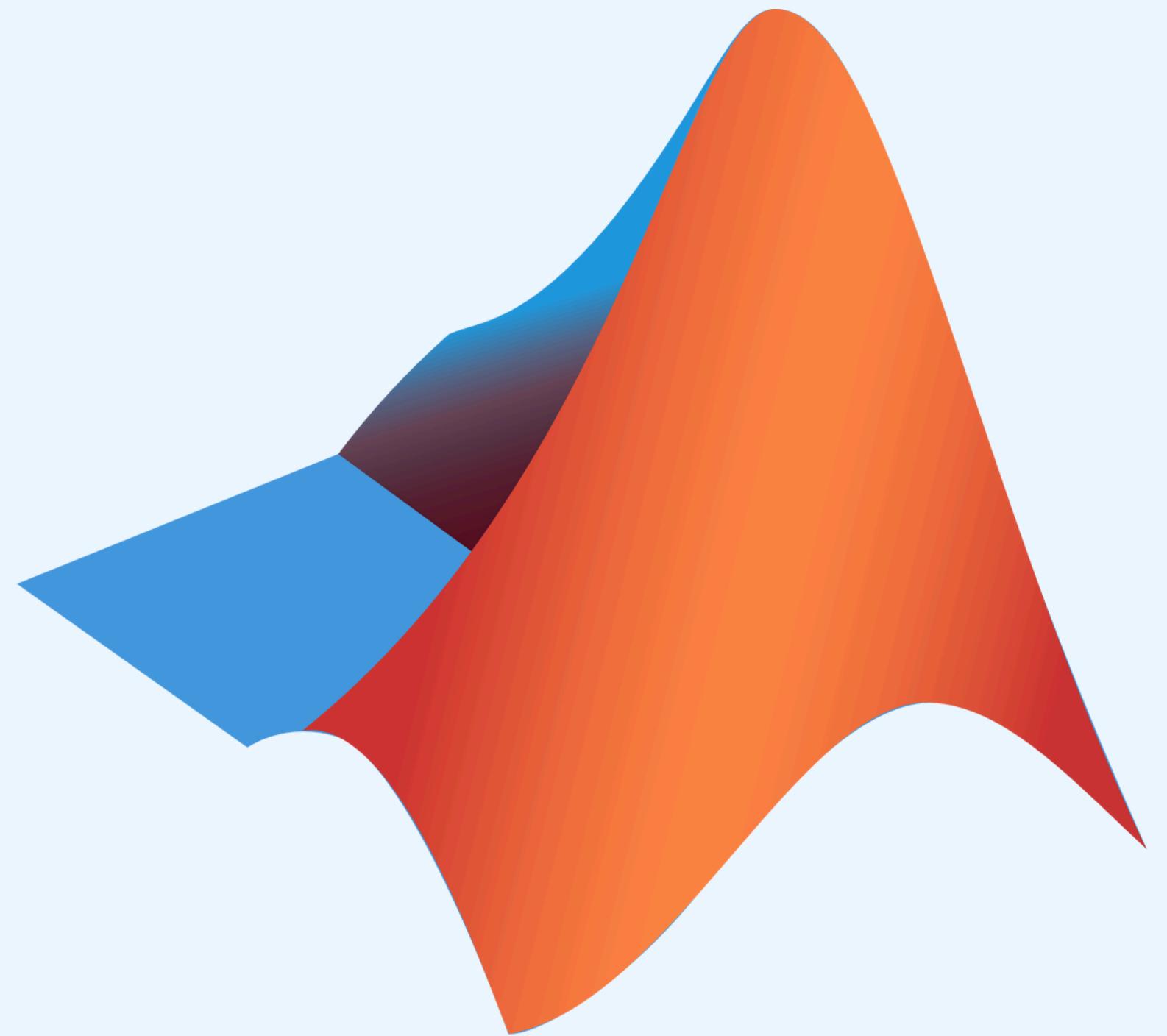
People
Not using
Ai

People
using Ai



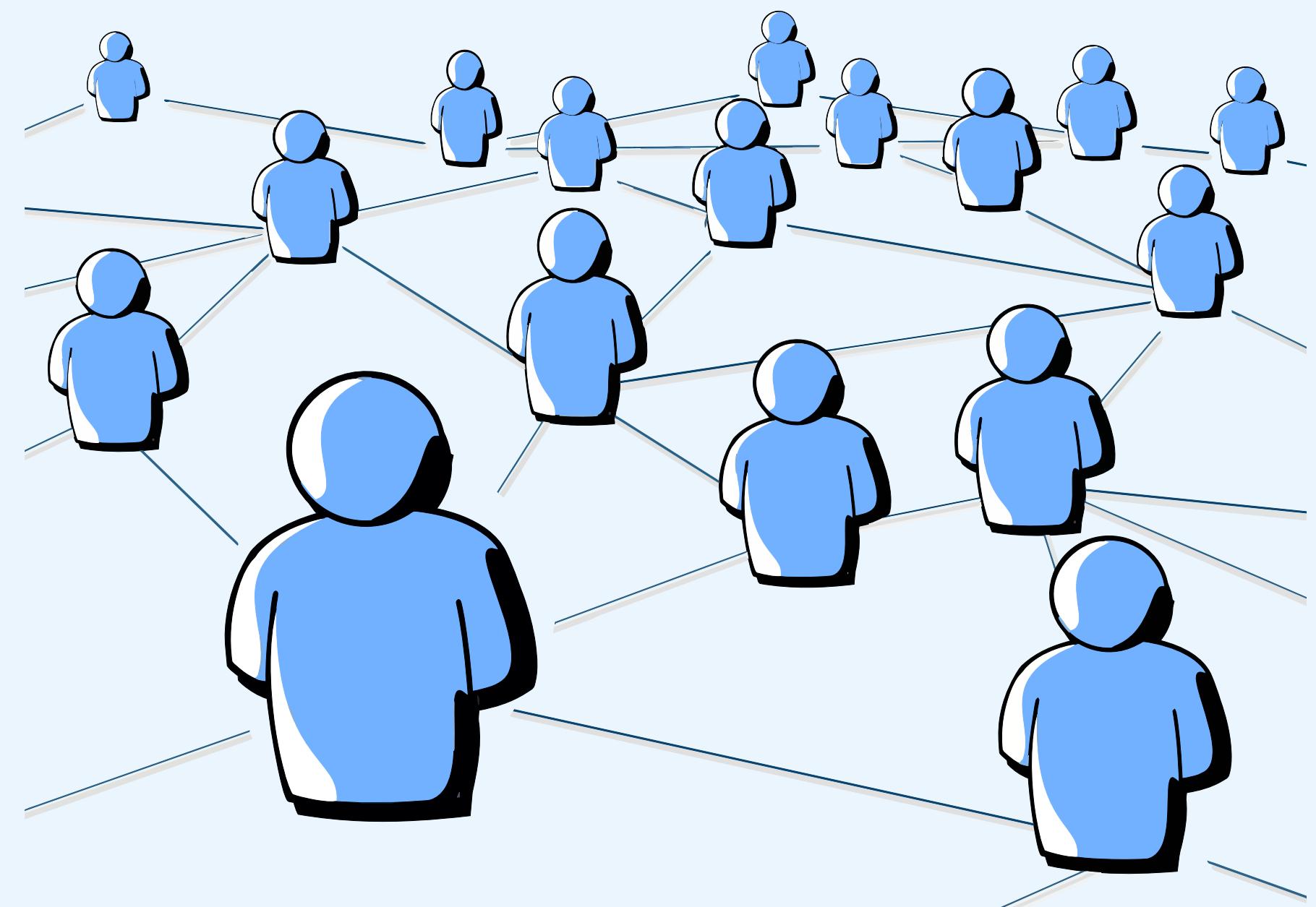
Inspiration





Mathwork

Connections



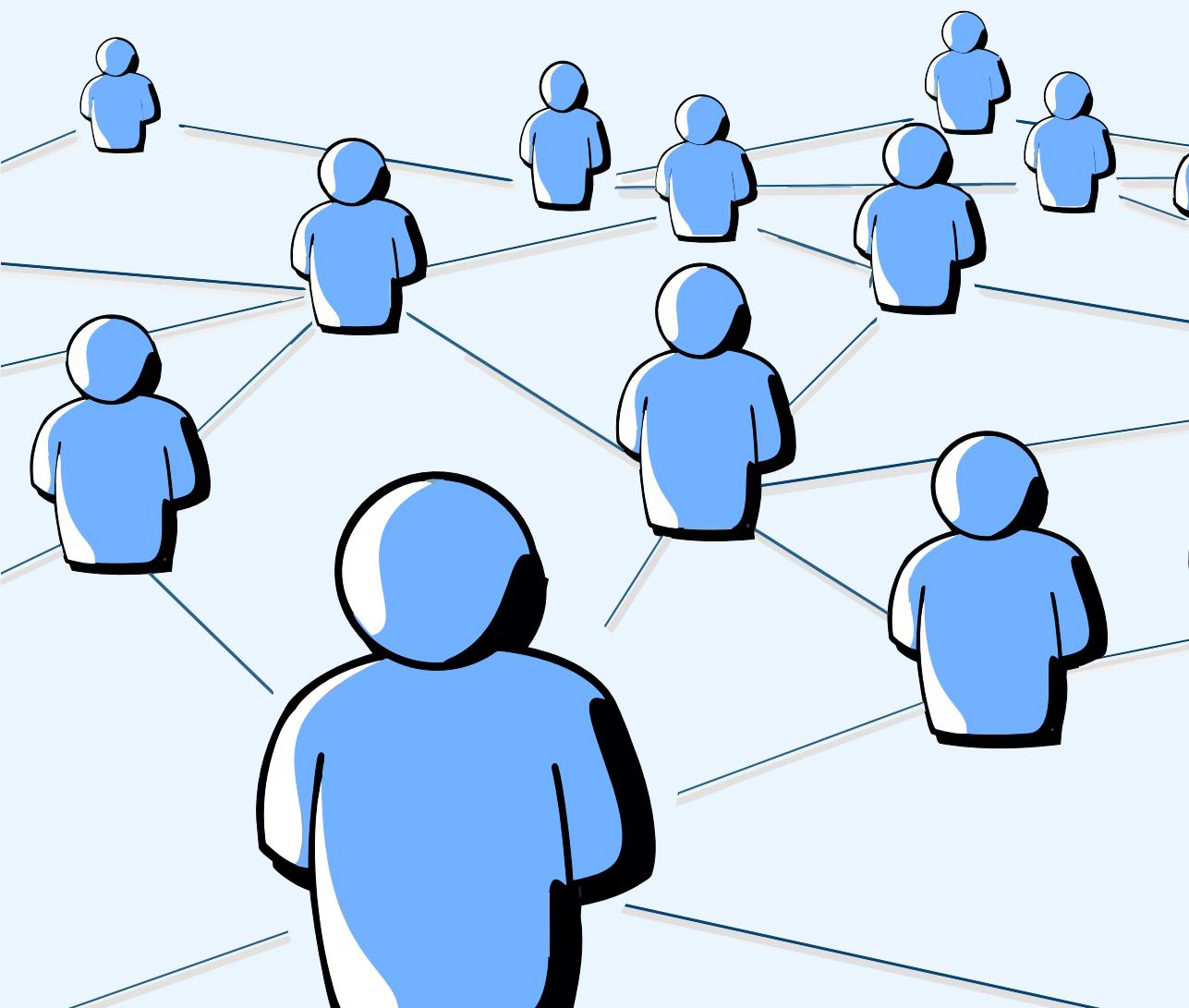
Connections

Communities

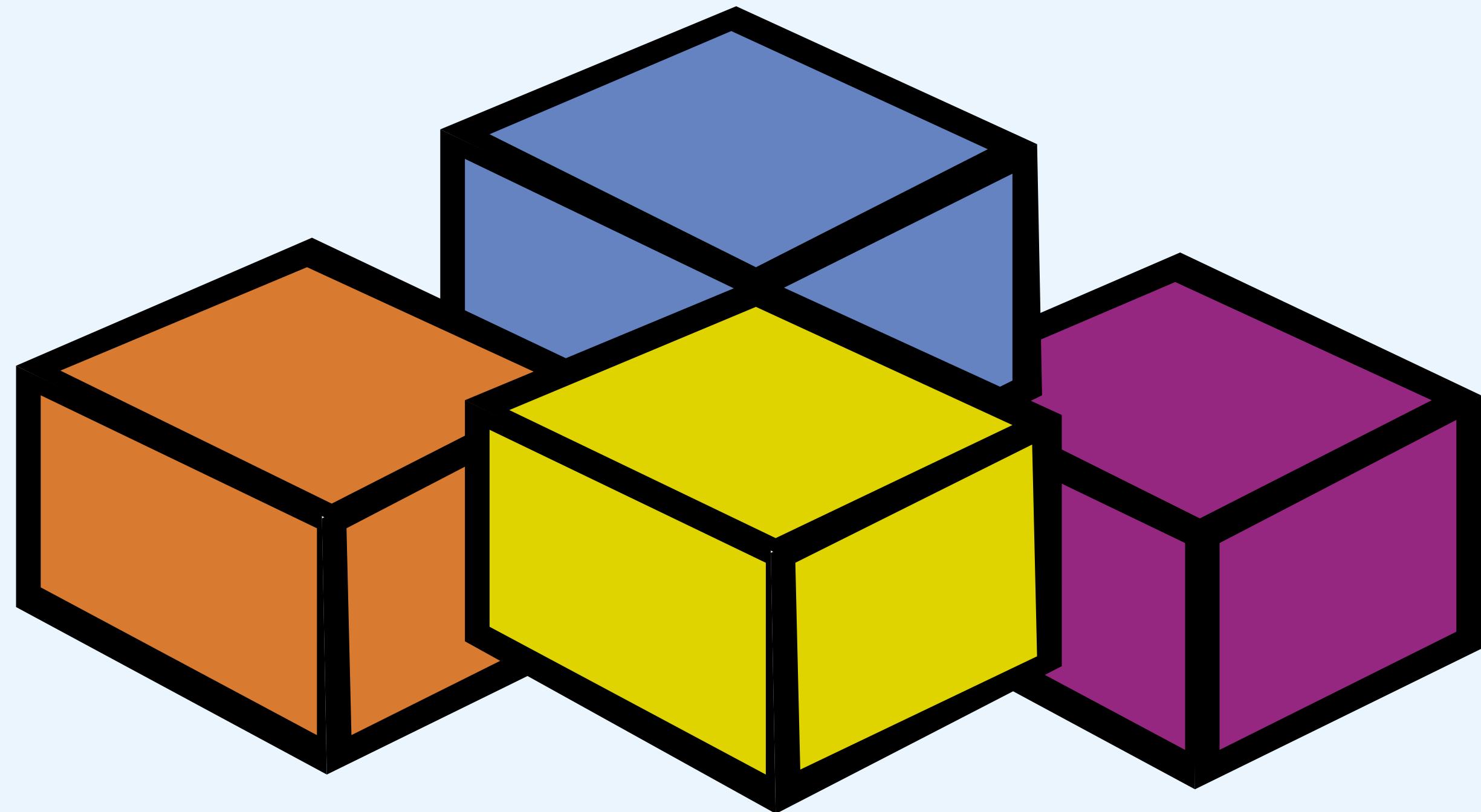
Engineering contests

Conference

Follow people with same interest



Basics



Any Questions?

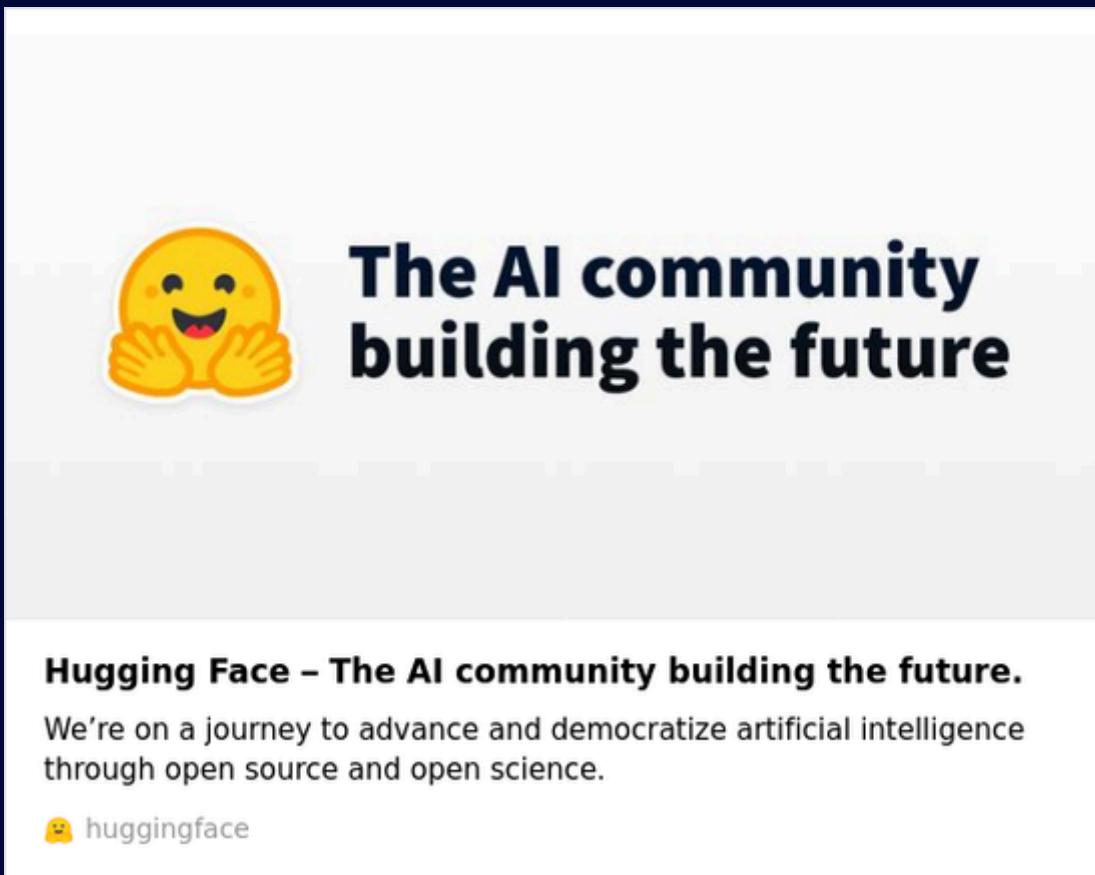


**FIND ALL THE
MATERIAL**

GITHUB REPO



VALUABLE RESOURCE



THANK YOU!

Get in Touch With me



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<https://www.linkedin.com/in/omardwahba/>