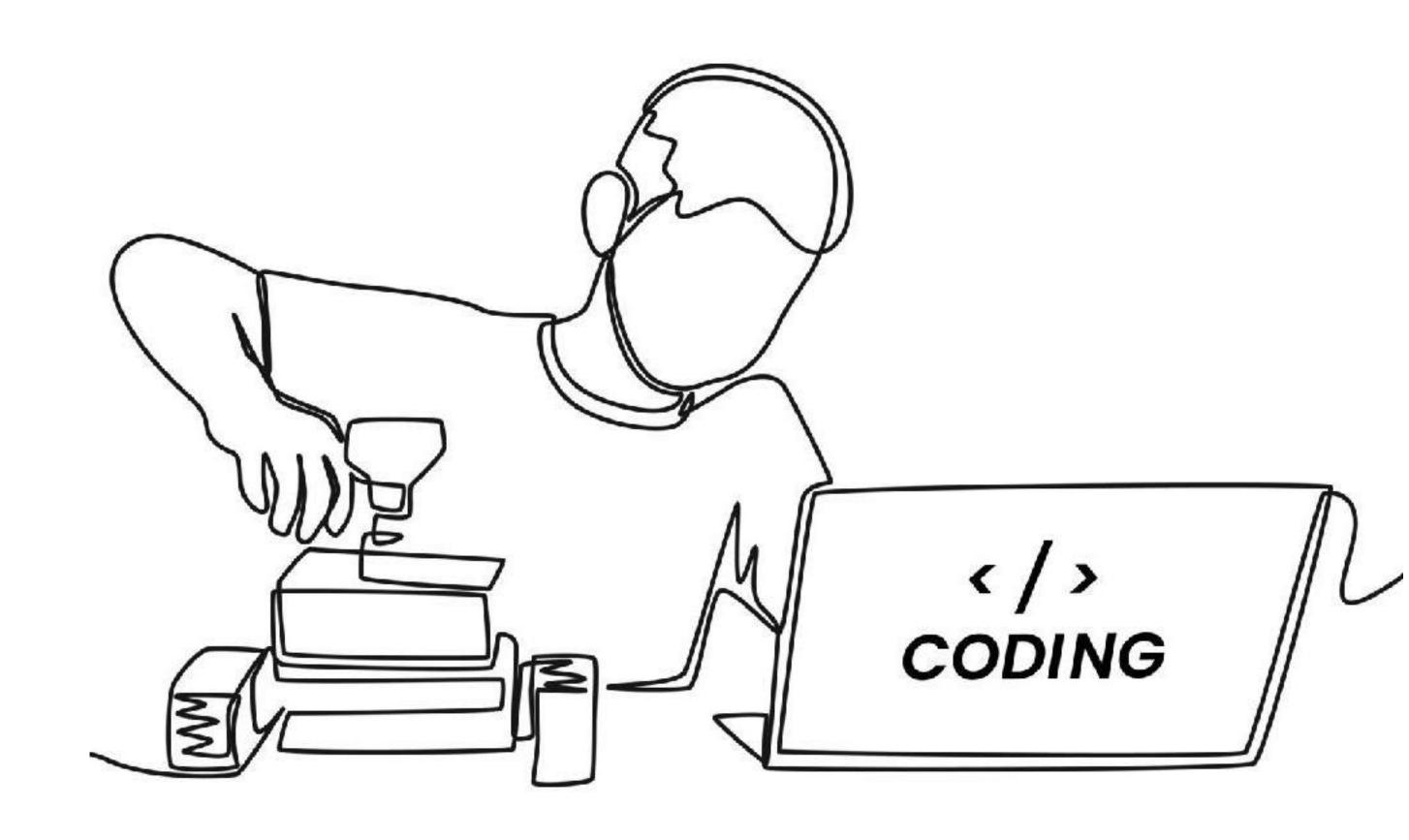
Human Intelligence Reimagined:

The Next Frontier in Societal Technology

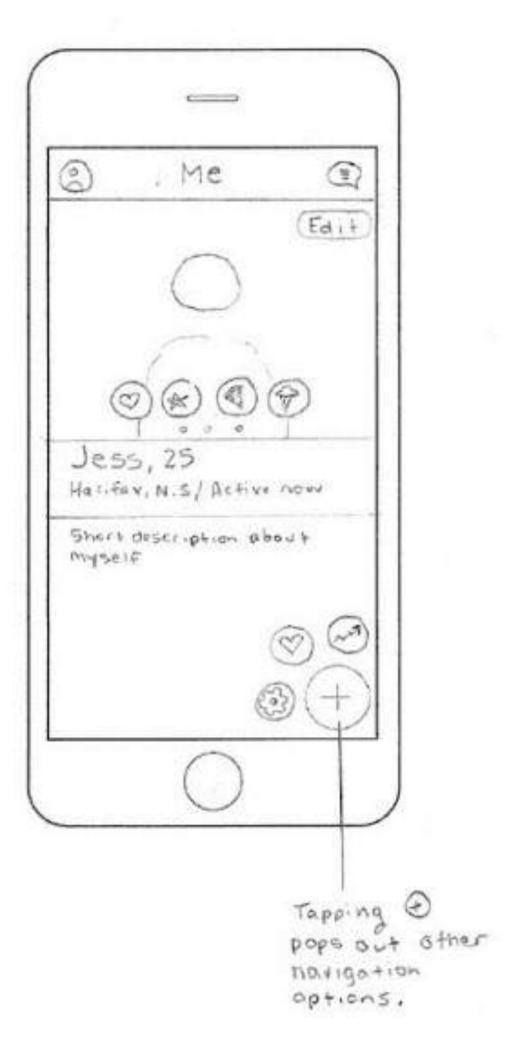
Aspiring Neurosurgeon

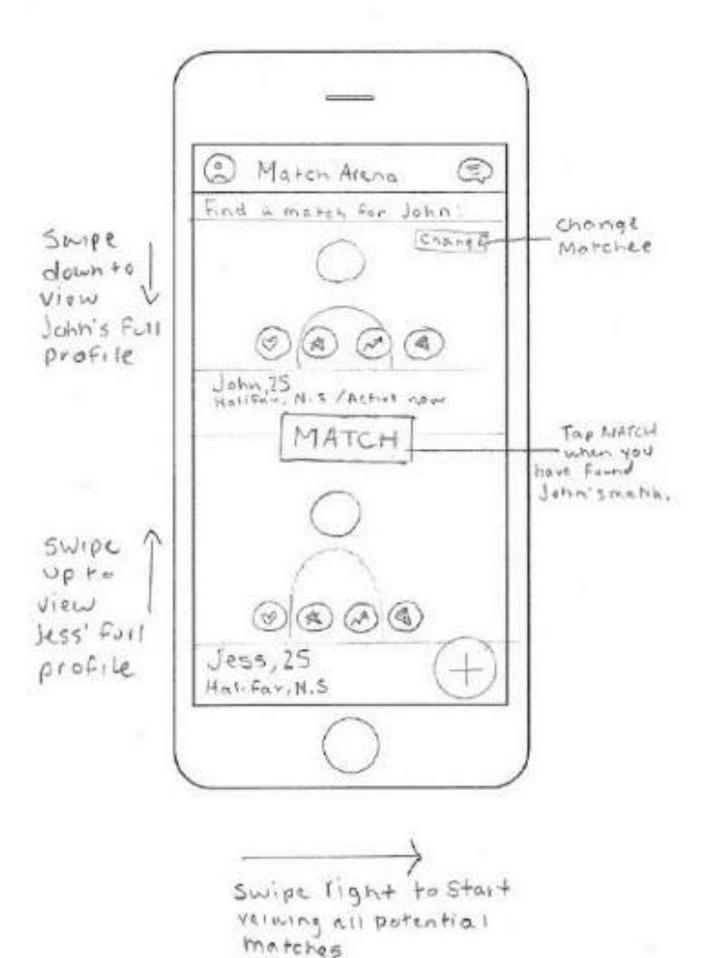


Computer Engineer



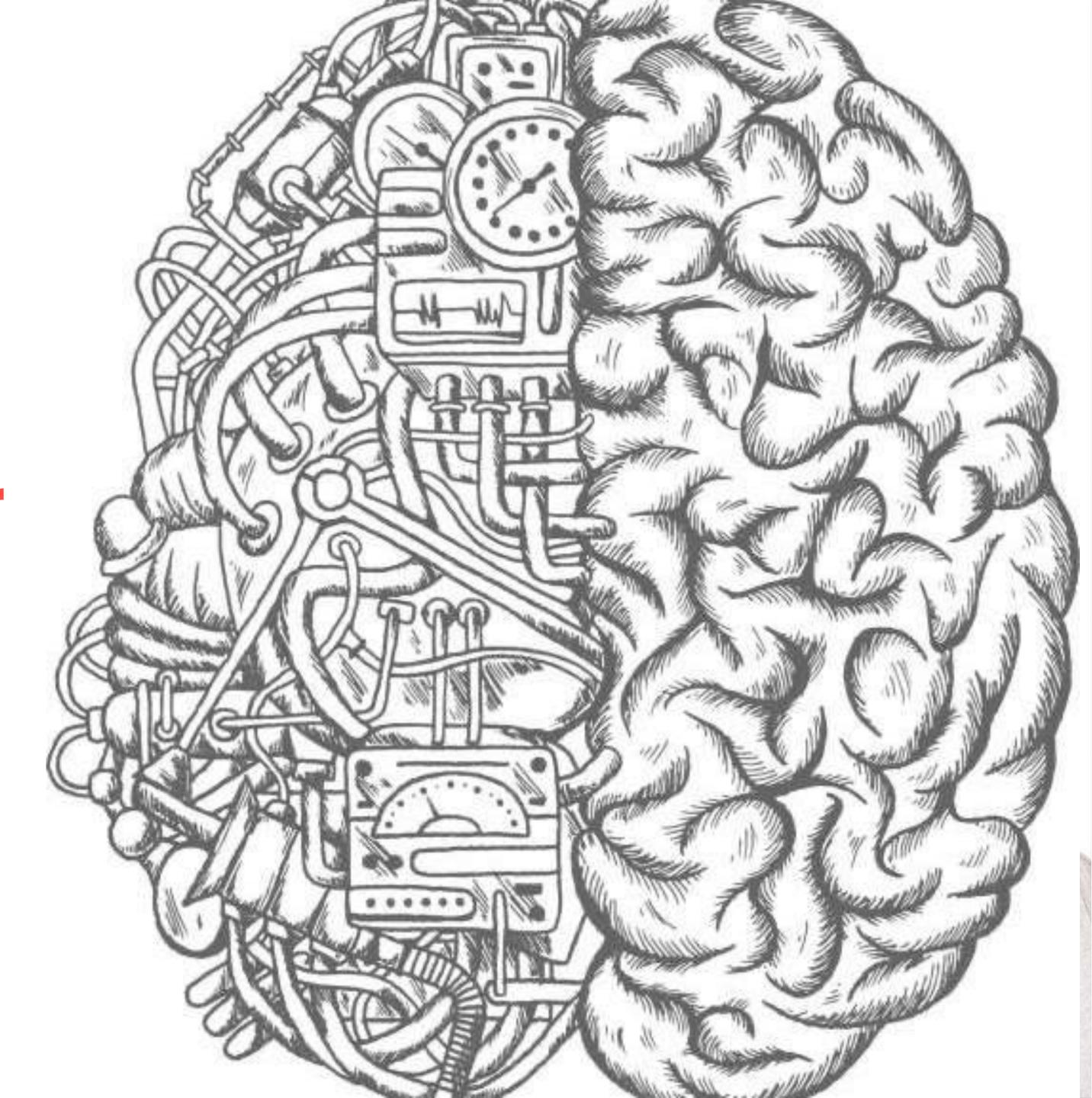
Designer & Researcher





UX & Al Researcher

Researcher @ Meta Professor @ NYU Founder of Choix Labs

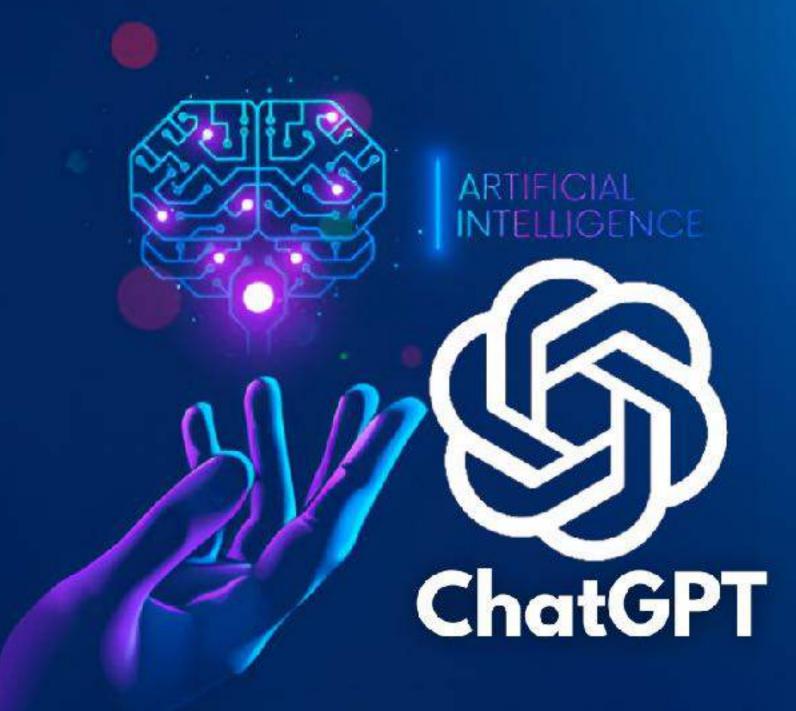


Choix Innovation Labs

- Our goal is to empower, not replace humans, by merging User Experience and A.I. together to build assistive technologies.
- Human-centric approach to researching, designing, and building out Artificial Intelligence applications.





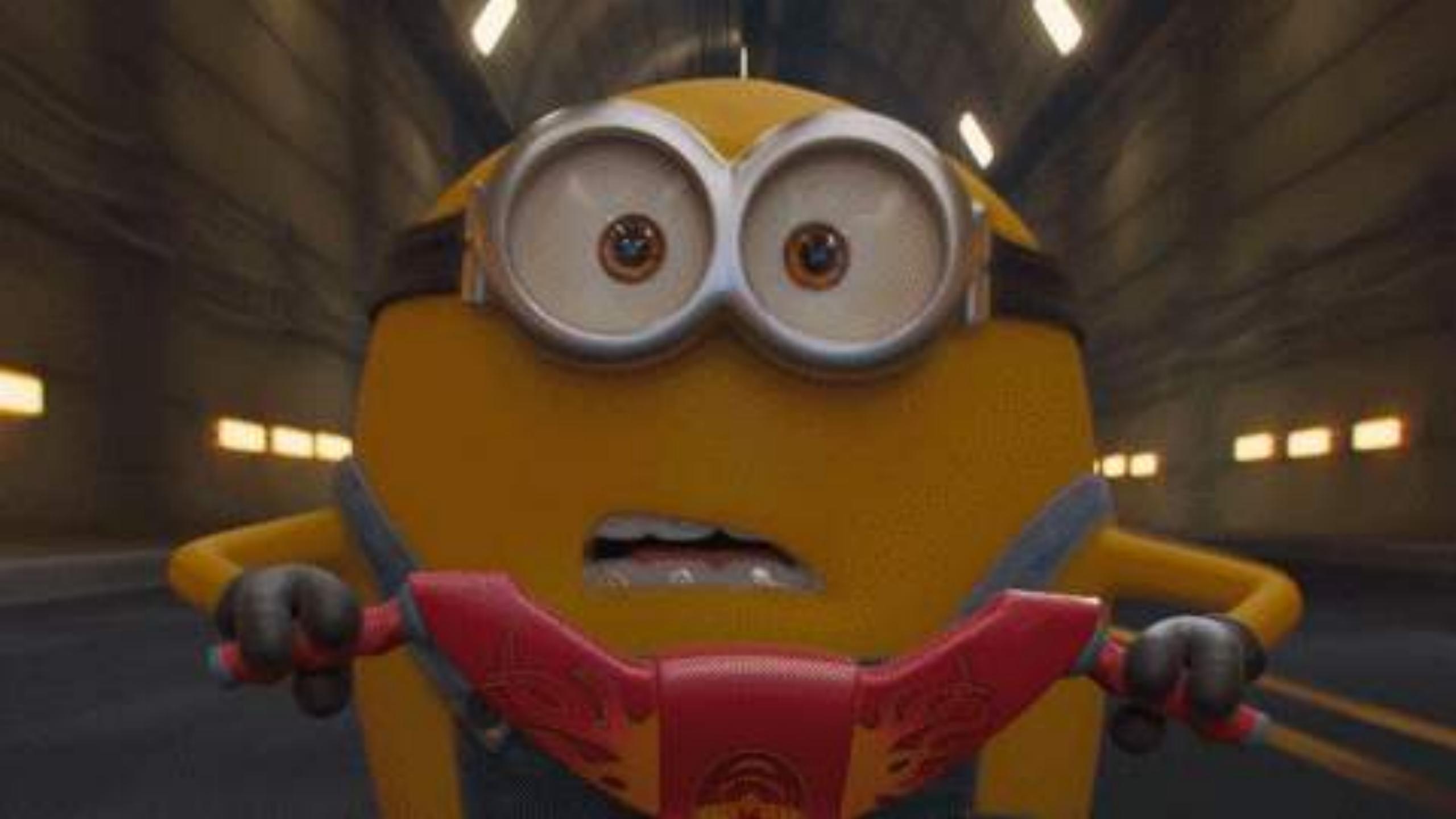




Will A.I. replace us?

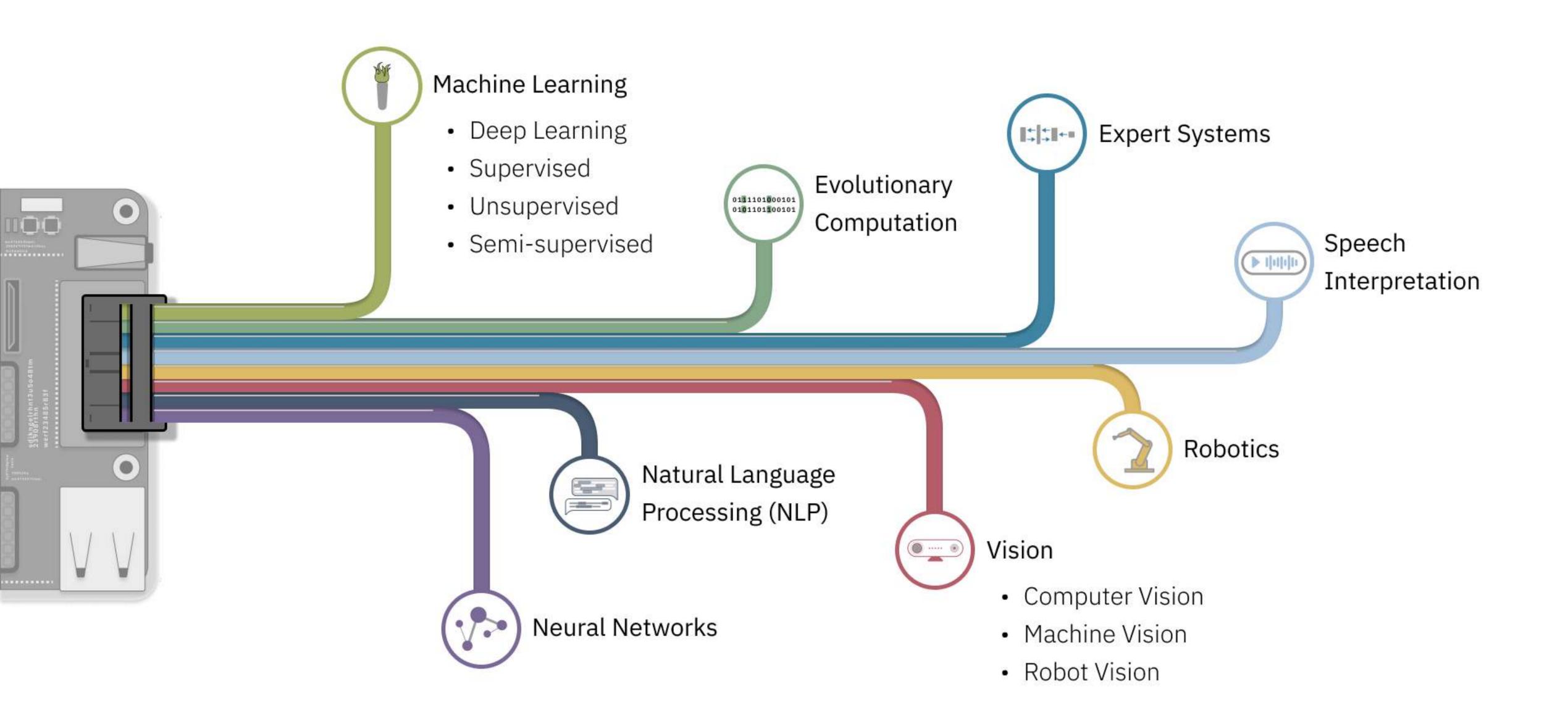


Will A.I. make us *more* intelligent or *less* intelligent?





Elements of AI



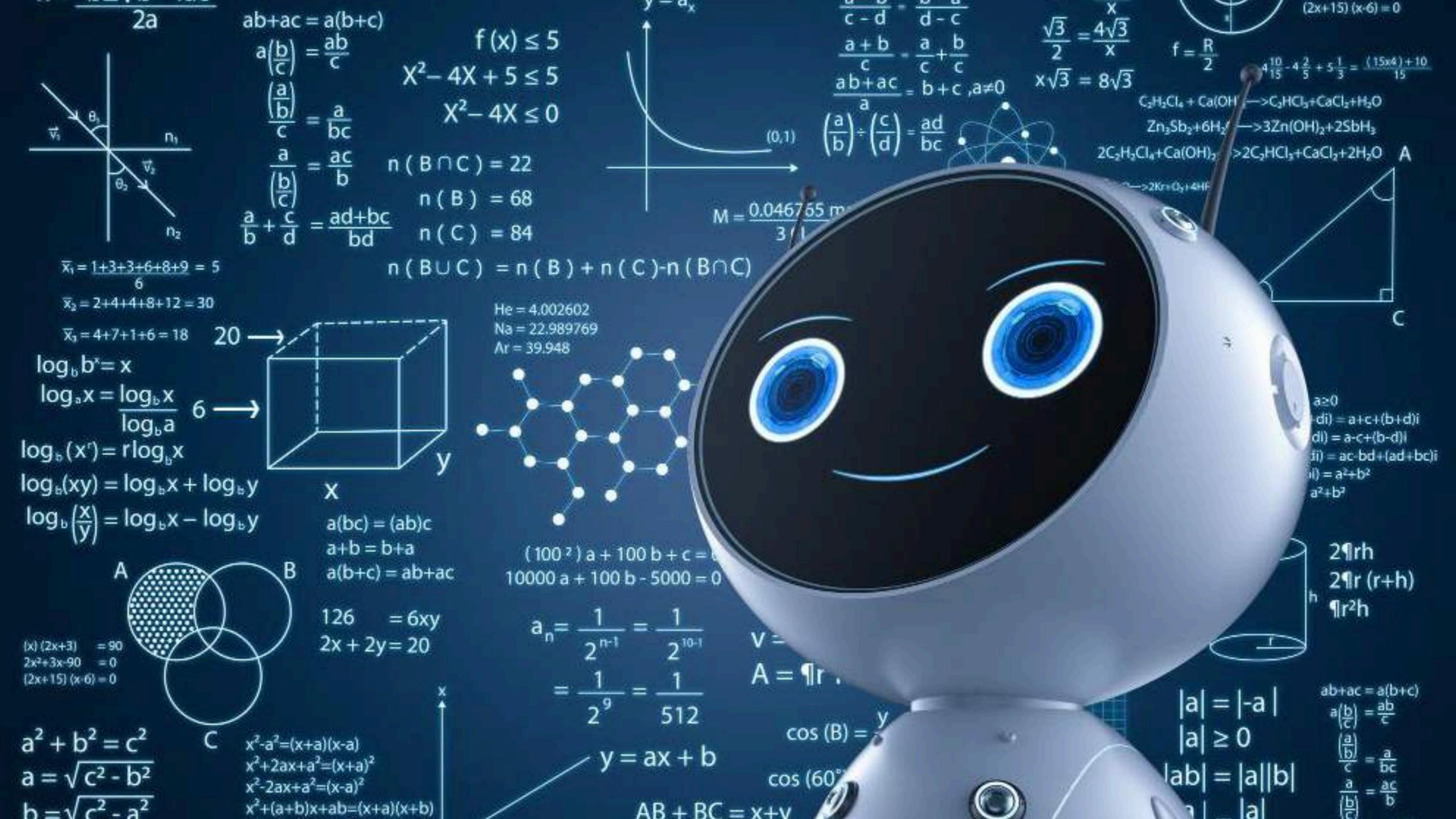
1. Why, when, and how we should build AI systems.

- 1. Why, when, and how we should build AI systems.
- 2. What should we as designers and researchers know about Al.

- 1. Why, when, and how we should build AI systems.
- 2. What should we as designers and researchers know about Al.
- 3. How will humans interact with the Al systems that we build.

A.I. is computationally very intelligent.







Common sense is not so common with A.I.

I have a 12 liter jug and a 6 liter jug. I want to measure 6 liters. How do I do it?



Given that you want to measure exactly 6 liters using a 12-liter jug and a 6-liter jug, it's straightforward. Here's how to do it:

- 1. Fill the 6-liter jug to its maximum capacity.
- 2. Pour the 6 liters from the 6-liter jug into the 12-liter jug.

Now, you have exactly 6 liters of water in the 12-liter jug.

If you had different target amounts or differently sized jugs, the process could be more involved. But for this specific scenario, it's quite simple!

I want you to count the number of words in the following sentences:

- 1. Teachers everywhere on strike.
- 2. It ate it.
- 3. Dangerous seas ahead.
- 4. We must go home.
- 5. Humans are still smarter than A.I.



Certainly! Here is the word count for each of the sentences:



- 1. "Teachers everywhere on strike." 5 words
- 2. "It ate it." 4 words
- 3. "Dangerous seas ahead." 3 words
- 4. "We must go home." 5 words
- 5. "Humans are still smarter than A.I." 8 words

Moravec's Paradox: Things that are easy for humans are difficult for A.I. and vice versa.

How do we build technology that advances human intelligence through artificial assistive tools?



In a world where AI continuously redefines the boundaries of possible, how should we reshape our understanding of human intelligence?

Z-Method: A human-centric framework for researching, designing, and building out assistive A.I. technology.

1. Understand implicit human knowledge and make it explicit knowledge



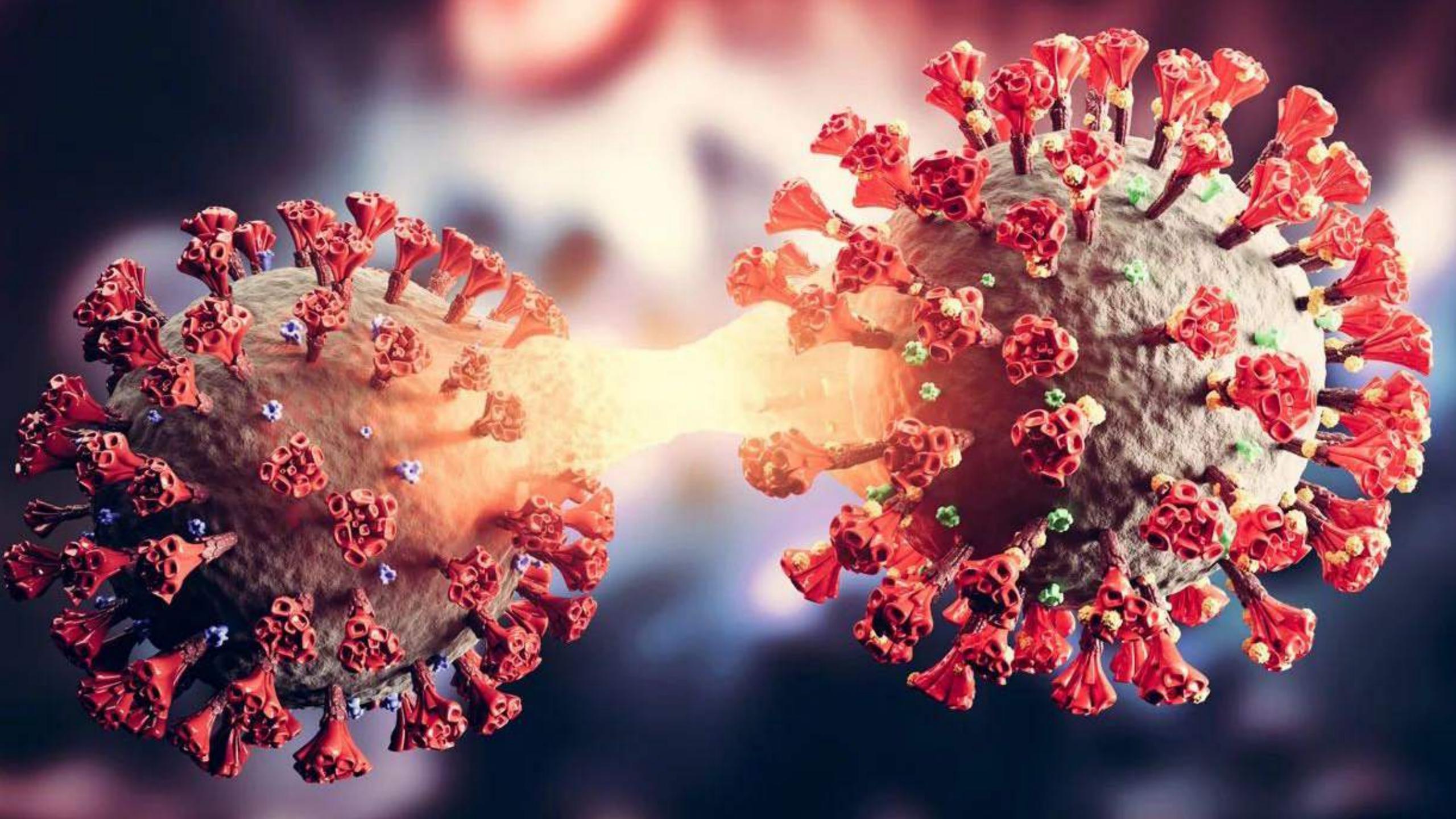
2. Make explicit human knowledge computable



3. Combine computational and human intelligence to create innovate models that is informed by human intent



So how does this play out today in our lives?









Healthcare Retail Education

60 million people.

45 seconds.

Time. Transportation. Cost.





"I enjoy the way the new prompts are causing me to step back and apply a slightly different line of questioning to my rating at times, and I feel like I'm able to share more information about movement than I could through other interfaces— especially when movements are profoundly impaired."

- Therapist 1



Human + Al Education

Before: One-size-fits-all teaching methods.

Through Al: Personalized learning pathways and Al tutors.

Human Focus: Fostering creativity, mentoring, and student development.

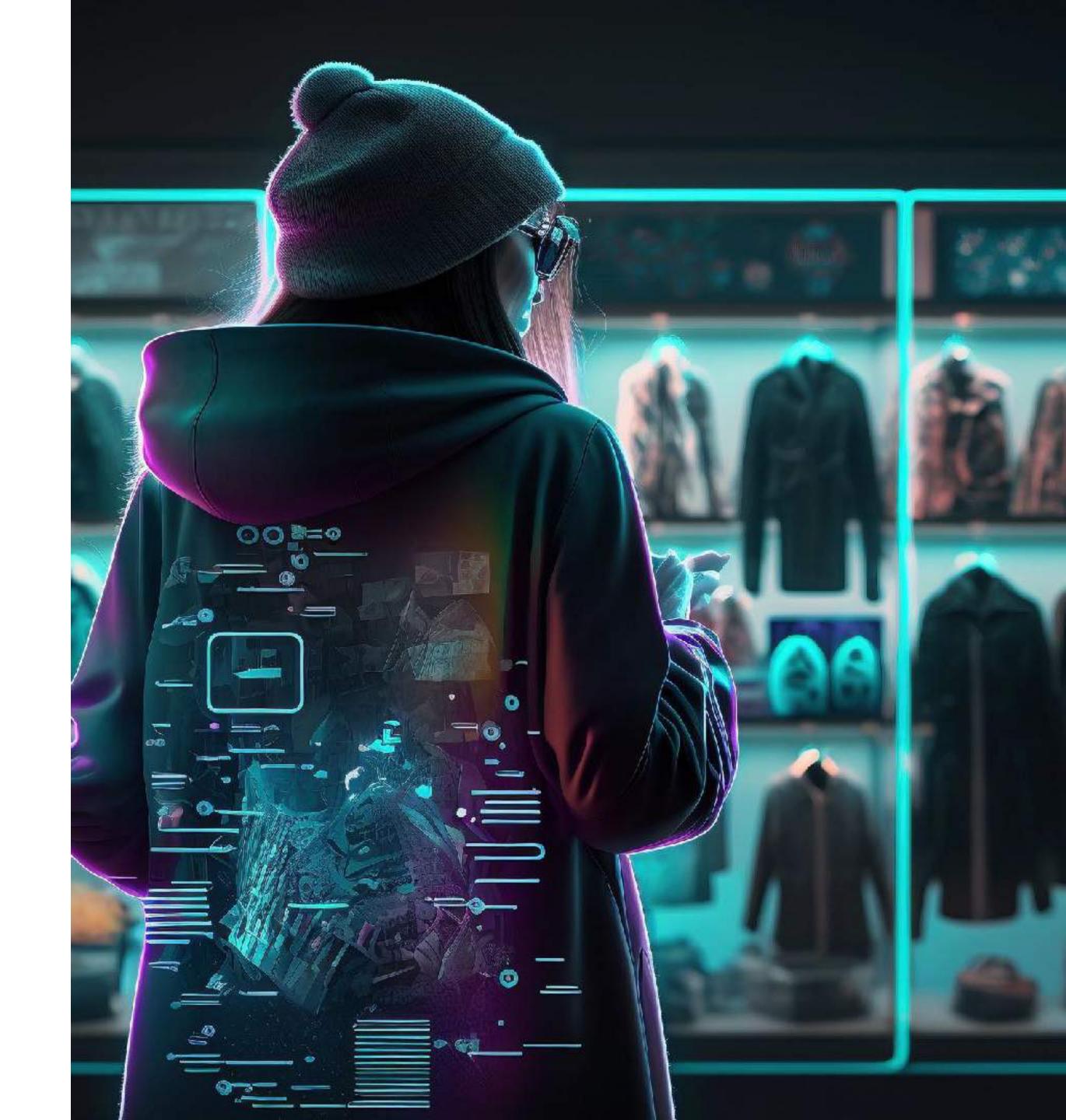


Human + Al Retail

Before: Generic product recommendation.

Through Al: Curated journeys, predictive shopping experiences.

Human Focus: Sustainability and new shopping realms.



In the AI age, we're not bystanders. As researchers and designers, our work defines the future.

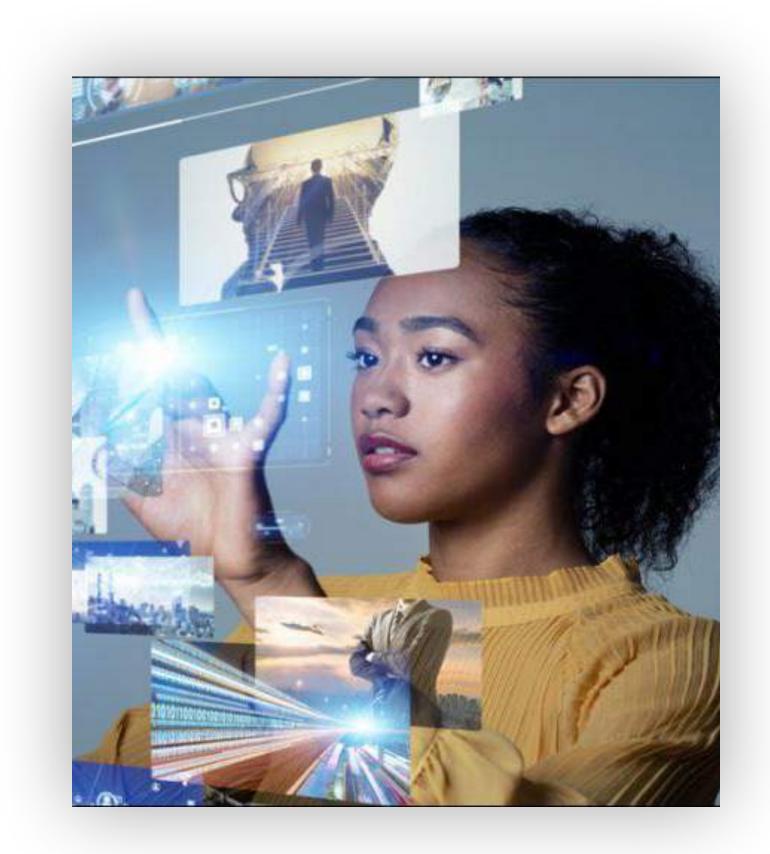
Let's mold a world where every innovation is grounded in thoughtful research and inspired by human-centered design.



To truly innovate in assistive AI, we must tap into the very core of user intent. It's not just about building technology; its about understanding the human behind it.

Empathy is the key to innovation.

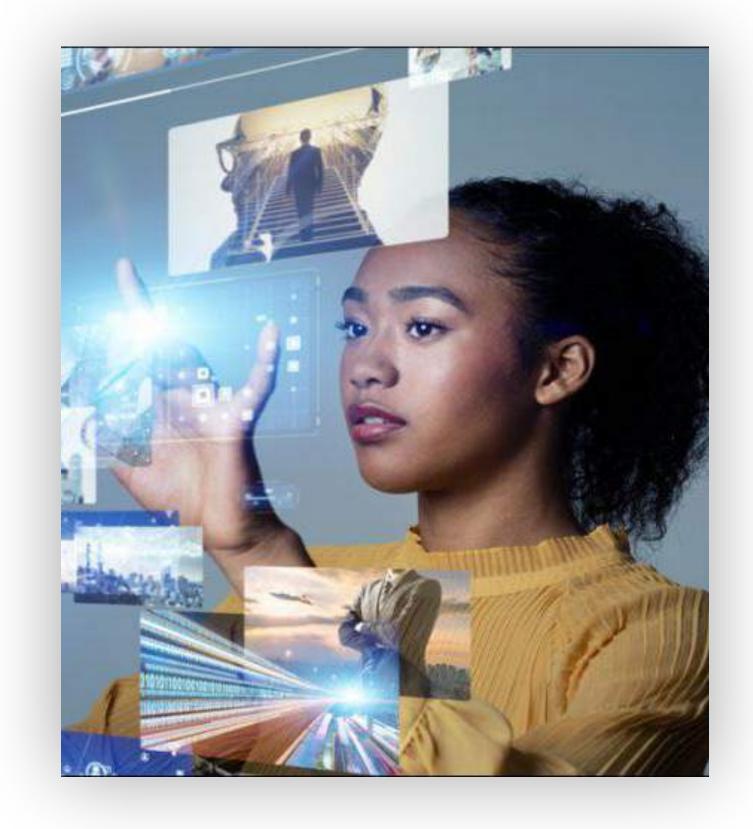
Human Intelligence

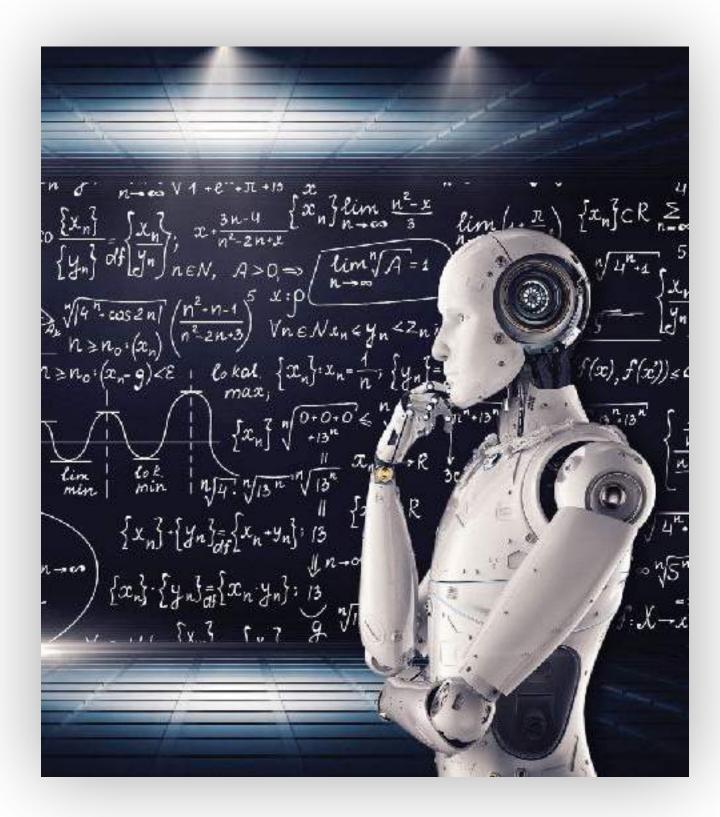


Human Intelligence



Computational Intelligence





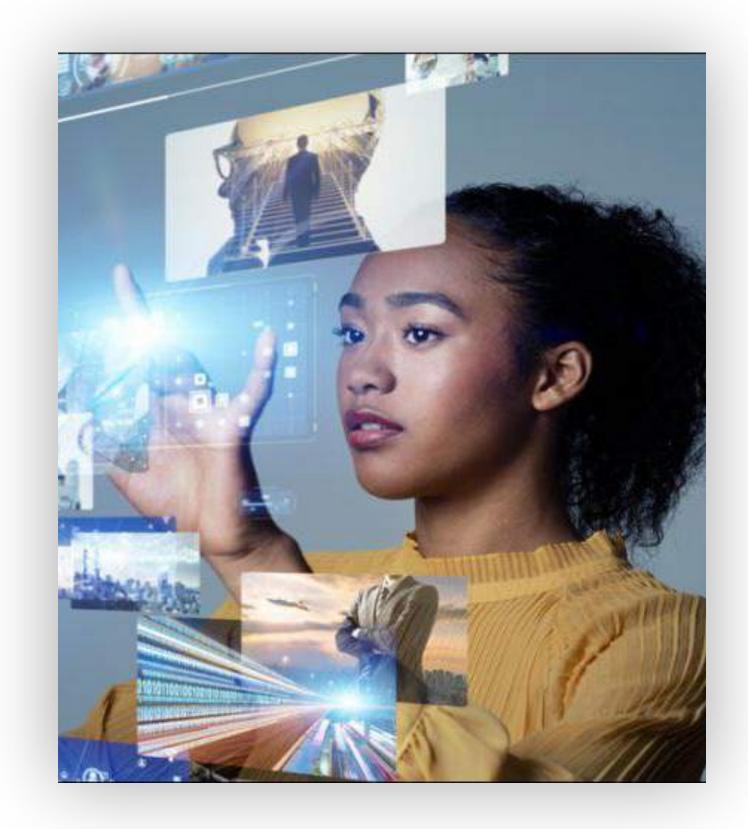
Human Intelligence

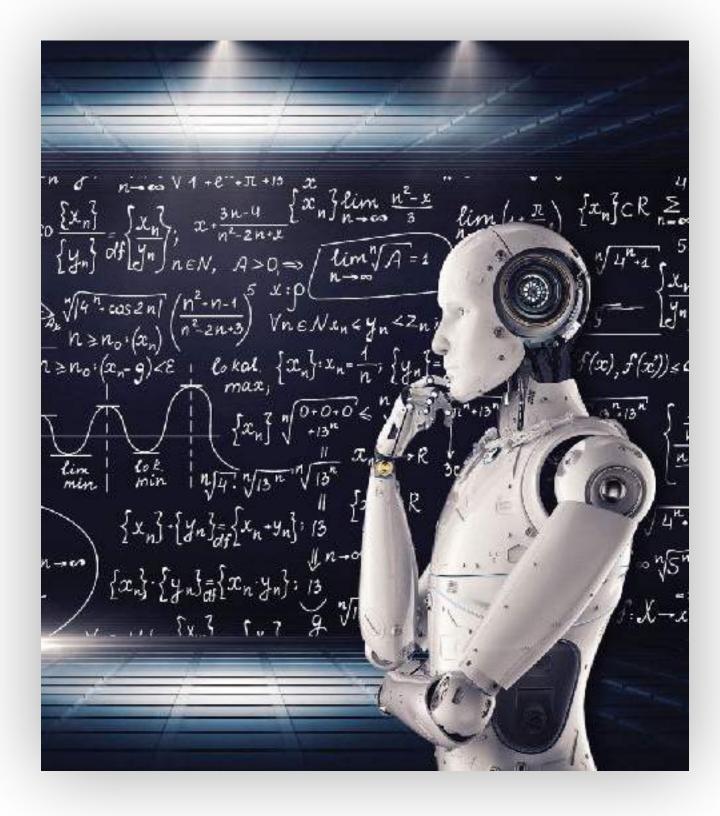


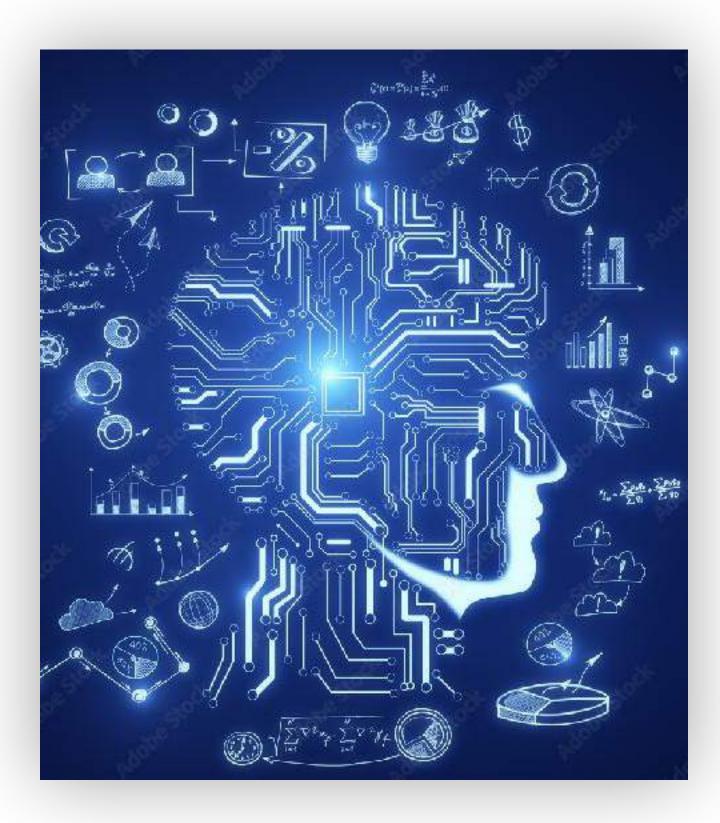
Computational Intelligence



Augmented Collective Intelligence







This the next frontier of societal technology.

A world where humans and machines learn from and with each each other to create a more equitable, just, and sustainable society.

Thank you!

Instagram: @thedoctordawn www.linkedIn.com/in/setor-zilevu