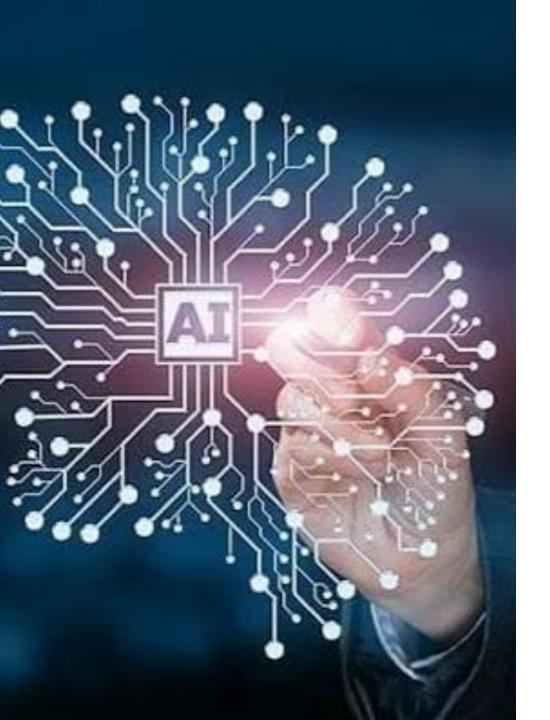
#### Al Literacy's New Frontier: Confronting Our Epistemic Gaps to Govern the Algorithmic Age

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#### What Are Epistemic Gaps and Why Do They Matter?

- Al systems today are not just tools: they are sociotechnical systems. Their behavior is not merely the result of cold logic or data.
- This mismatch, between the complex reality of AI and our incomplete grasp of it, is what we call an epistemic gap.





### **Education: The First Frontier of Resistance and Renewal**

Knowing how to prompt ChatGPT, or navigate an AI dashboard, is useful, but it doesn't close epistemic gaps. What we need is a **more critical AI literacy**.

One that is grounded in **philosophical** reflection, ethical sensitivity, and social awareness.



# **Civil Society: Cultivating Collective Intelligence**

Education alone cannot carry this burden. Civil society —non-profits, media, educators, activists— must play an essential role:

- Creating accessible materials and community workshops that explain Al in local languages and cultural terms.
- 2. Involving communities in participatory design. Imagine AI tools for farmers that are co-designed with farmers.
- Advocating for transparency and accountability.

# Machines, Knowledge, and the Limits of Intelligence



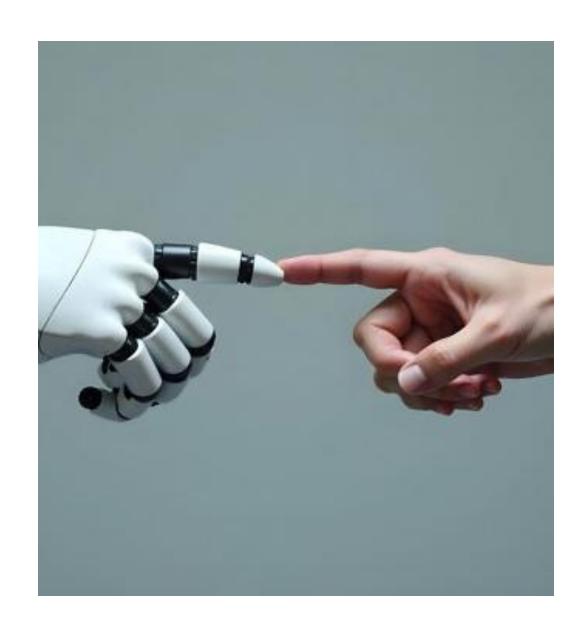


Can machines really know anything? Can they believe, value, or hope? Al systems simulate understanding, but do not possess intentionality, the capacity to hold beliefs about the world. They process patterns. They do not grasp meaning.

## Toward a Human-Machine Collaboration Rooted in Justice

We must educate humans with machines, not through or by them. Machines should be collaborators, not replacements.

Partners, not proxies.



#### Conclusion

1

The algorithmic age is already here. We cannot slow it down. But we can govern it wisely, critically, and humanely.

2

We must cultivate a public capable of asking hard questions, not just consuming easy answers.

3

We must remember that our task is not simply to use AI, but to imagine, through it and beyond it, a more just and humane world.







