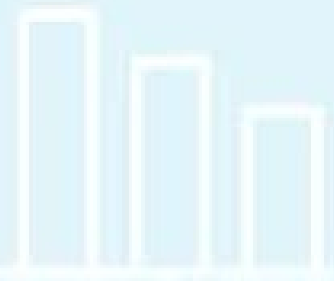
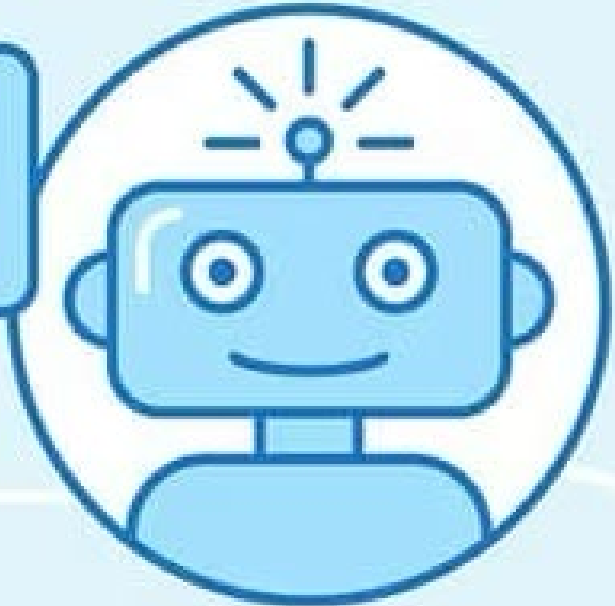
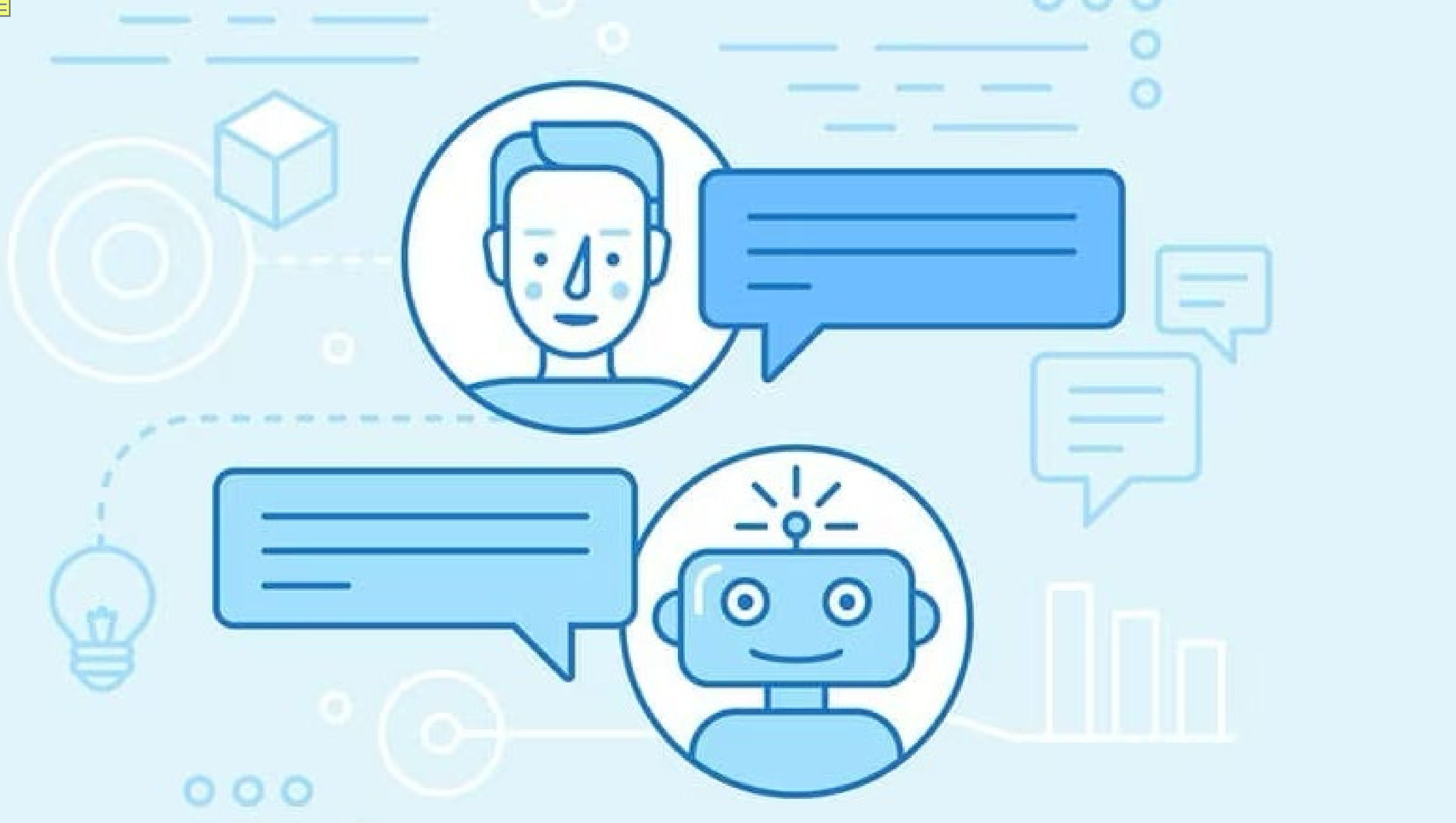


# WHERE IS AI TAKING

*Paris Marx @ NTL-konferansen 2026*



## Sam Altman says 'yes,' AI is in a bubble



Image: Cath Virginia / The Verge; Getty Images

/ 'When bubbles happen, smart people get overexcited about a kernel of truth.'

by + Emma Roth

Aug 15, 2025, 2:35 PM GMT+1



0 Comments

### ON-PREM

5

## Goldman Sachs warns AI bubble could burst datacenter boom

Investment bank predicts capacity surge to 92 GW by 2027 but remains on high alert for market weakness

[Dan Robinson](#)

Tue 2 Sep 2025 // 11:22 UTC



THE LAST AI HYPE C

# 47% Of All Jobs Will Be Automated By 2034, And 'No Government Is Prepared' Says Economist

Half Of All Jobs Will Be Automated By 2034

Michael Rundle — Huffington Post UK

17/01/2014 09:43am GMT  
Updated January 25, 2014

The new burger chef makes \$3 an hour and never goes home. (It's a robot)



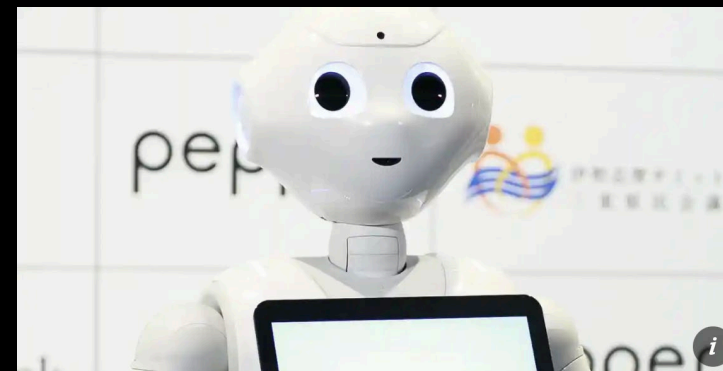
EXPLAINERS ▾ CROSSWORD VIDEO PODCASTS MORE ▾

TECHNOLOGY CLIMATE SCIENCE

## 1.8 million American truck drivers could lose their jobs to robots. What then?

One of the last well-paying working-class jobs is basically doomed.

By David Roberts | @drvoltz | Aug 3, 2016, 8:40am EDT



Global tech

Analysis

How social robots are dispelling myths and caring for humans

*Marc Ambasna-Jones*

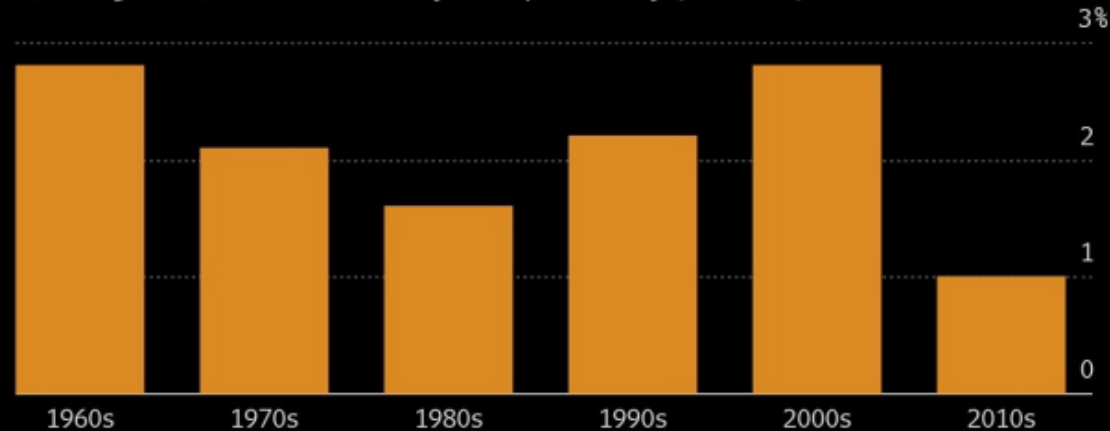
# But that didn't happen...

- The tech didn't work out as planned
- Productivity growth through the 2010s was sluggish
- Instead, the tech was turned against workers

## Unproductive

Growth in U.S. labor productivity slowed in the pre-pandemic decade

■ Average annual increase in hourly labor productivity (non-farm)



Source: Bureau of Labor Statistics

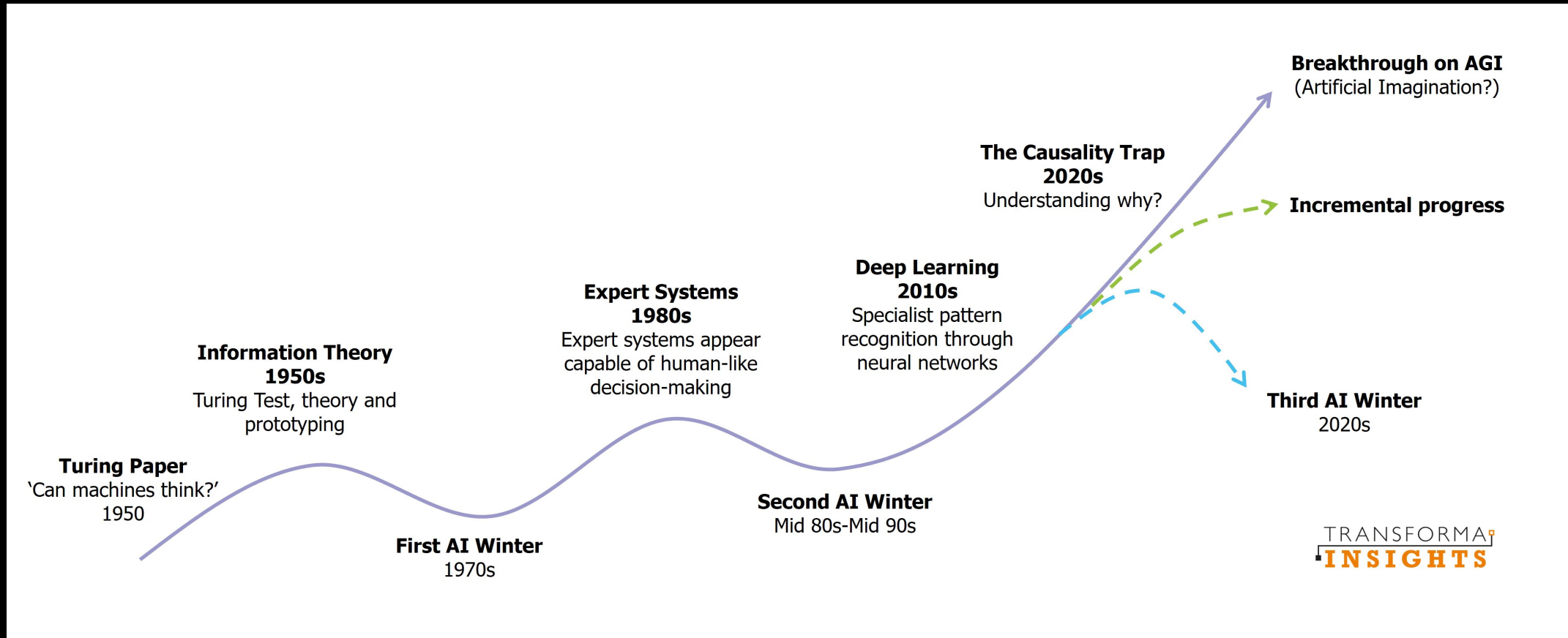
Bloomberg

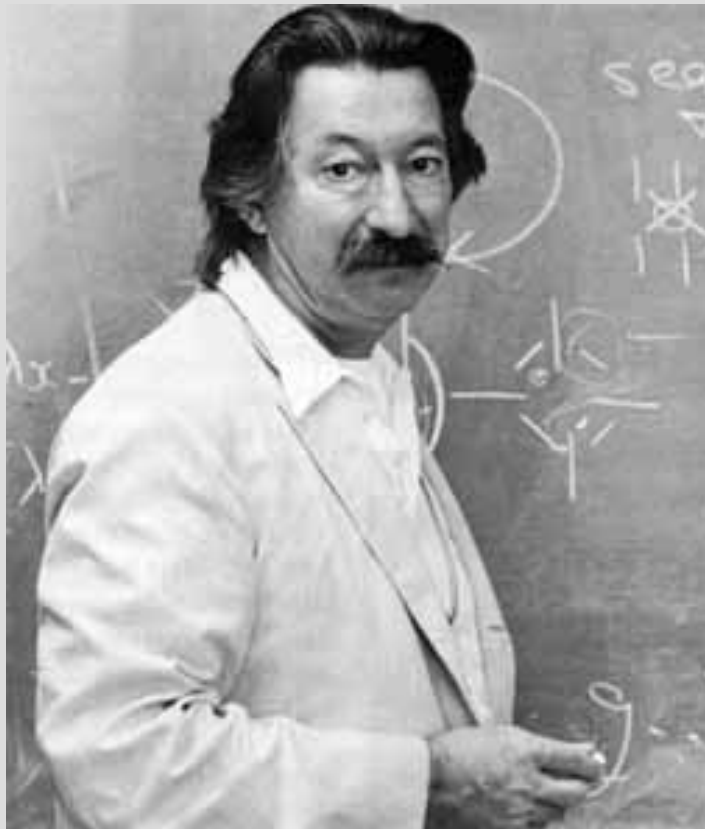




Algorithmic management,  
not robots taking jobs

# The ups and downs of AI





Welcome to

```
EEEEEE LL      IIII  ZZZZZZ  AAAAA
EE      LL      II    ZZ     AA   AA
EEEEEE LL      II    ZZ     AAAAAA
EE      LL      II    ZZ     AA   AA
EEEEEE LLLLLL IIII ZZZZZZ  AA   AA
```

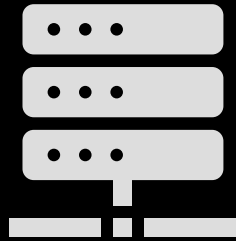
Eliza is a mock Rogerian psychotherapist.  
The original program was described by Joseph Weizenbaum in 1966.  
This implementation by Norbert Landsteiner 2005.

```
ELIZA: Is something troubling you ?
YOU:   Men are all alike.
ELIZA: What is the connection, do you suppose ?
YOU:   They're always bugging us about something or other.
ELIZA: Can you think of a specific example ?
YOU:   Well, my boyfriend made me come here.
ELIZA: Is it important to you that your boyfriend made you come here ?
YOU:   He says I'm depressed much of the time.
ELIZA: I am sorry to hear that you are depressed.
YOU:   It's true. I am unhappy.
ELIZA: Can you explain what made you unhappy ?
YOU:
```

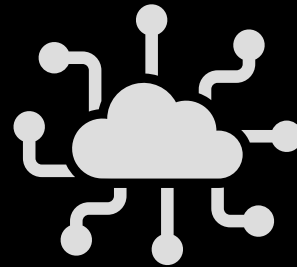


WHAT IS (GENERATIVE

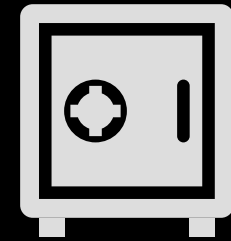
# What made it possible



Centralized  
computing power



Massive data  
collection



Immense amounts of  
capital



# Hyperscale data centers

430

2018

597

2020

1136

2024

+504

*being planned or  
under construction*

# Environmental implications



Many people project demand for our industry will go from 3 percent to 9 percent of total generation.

We need more renewables, we also need more natural gas, we need more of everything. We're not going to be able to get the the targets of gigawatts that we need without doing everything *more*.

—Eric Schmidt (2025)






# Promise and threats



- Supporters claim AI will increase human intelligence
- Allow for a proliferation of AI helpers for all kinds of industries
- Replace some of the work currently done by humans
- Vastly improve access to education and healthcare
- BUT risk that AI will gain “general intelligence” and decide it needs to wipe out or oppress humans

# Microsoft Study Finds AI Makes Human Cognition “Atrophied and Unprepared”

 EMANUEL MAIBERG · FEB 10, 2025 AT 10:26 AM

Updated: JUN 23, 2025 3:16 PM IST

**ChatGPT May Be Eroding Critical Thinking Skills, According to a New MIT Study**

# MIT report: 95% of generative AI pilots at companies are failing



BY SHERYL ESTRADA

SENIOR WRITER AND AUTHOR OF CFO DAILY

August 18, 2025 at 6:54 AM EDT

## Most Workers Say AI Makes Them Less Productive, According to a Survey

New research from Upwork found that 77 percent of employees think artificial intelligence has hurt their productivity, while C-suite executives are more optimistic about the tech.

BY BRIAN CONTRERAS, STAFF REPORTER @\_B\_CONTRERAS\_

JUL 24, 2024

# *A Teen Was Suicidal. ChatGPT Was the Friend He Confided In.*

More people are turning to general-purpose chatbots for emotional support. At first, Adam Raine, 16, used ChatGPT for schoolwork, but then he started discussing plans to end his life.

## **What is ‘AI psychosis’ and how can ChatGPT affect your mental health?**

Mental health experts explain how chatbots can be destabilizing and how to help someone affected.

Updated August 19, 2025



## Robodebt: five years of lies, mistakes and failures that caused a \$1.8bn scandal

The royal commission ended on Friday, having heard shocking testimony from officials and politicians, and heart-rending accounts of the impact of the botched scheme

## Dutch scandal serves as a warning for Europe over risks of using algorithms

The Dutch tax authority ruined thousands of lives after using an algorithm to spot suspected benefits fraud – and critics say there is little stopping it from happening again.



SURVEILLANCE

## Ethnic Profiling

Whistleblower reveals Netherlands' use of secret and potentially illegal algorithm to score visa applicants

Politics

## Federal use of A.I. in visa applications could breach human rights, report says



Report says the technology could lead to 'life-and-death ramifications' for immigrants and refugees

[Teresa Wright](#) · The Canadian Press ·  
Posted: Sep 26, 2018 4:52 AM PDT | Last Updated: September 26, 2018

## Revealed: Israeli military creating ChatGPT-like tool using vast collection of Palestinian surveillance data

The powerful new AI model is designed to analyze intercepted communications - but experts say such systems can exacerbate biases and are prone to making mistakes

**Harry Davies and Yuval Abraham in Jerusalem**

Thu 6 Mar 2025 13.00 CET

## Anthropic's AI tool Claude central to U.S. campaign in Iran, amid a bitter feud

Advanced AI technology is identifying targets in Iran and quickly prioritizing them, supporting the massive military operations carried out by U.S. and Israeli forces.

March 4, 2026



WHAT DOES AI REV



Opinion **Artificial intelligence**

## Beware America's AI colonialism

It is easy to see how tech can become an even greater bargaining chip in US foreign policy

MARIETJE SCHAAKE [+ Add to myFT](#)



President Donald Trump displays a signed executive order during the Winning the AI Race summit. More than previous technologies, AI systems create uniquely vulnerable dependencies © Chip Somodevilla/Getty Images

### **Message from Trump to Norwegian Prime Minister Jonas Gahr Støre**

Dear Jonas: Considering your Country decided not to give me the Nobel Peace Prize for having stopped 8 Wars PLUS, I no longer feel an obligation to think purely of Peace, although it will always be predominant, but can now think about what is good and proper for the United States of America. Denmark cannot protect that land from Russia or China, and why do they have a “right of ownership” anyway? There are no written documents, it’s only that a boat landed there hundreds of years ago, but we had boats landing there, also. I have done more for NATO than any other person since its founding, and now, NATO should do something for the United States. The World is not secure unless we have Complete and Total Control of Greenland. Thank you! President DJT

*Source: PBS*





The nation which most completely assimilates high-performance computing into its economy will very likely emerge as the dominant intellectual, economic, and technological force in the next century.

—Senator Al Gore, 1989











OPINION

## Good for Google, Bad for America

At its core, artificial intelligence is a military technology. Why is the company sharing it with a rival?

Aug. 1, 2019



OPINION

## Eric Schmidt: I Used to Run Google. Silicon Valley Could Lose to China.

We can't win the technology wars without the federal government's help.

Feb. 27, 2020

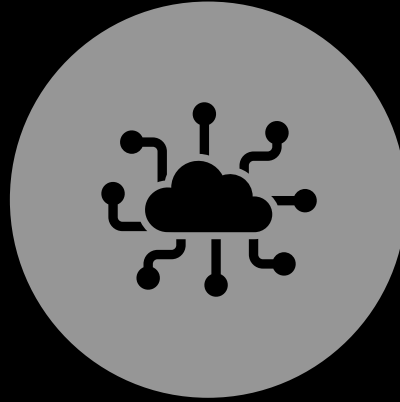
A Norwegian flag is shown waving on a flagpole against a clear blue sky. The flag features a red field with a blue Scandinavian cross outlined in white.

WHAT TO DO INSTEAD

# Three Pillars



REGULATE THE  
PROBLEM



BUILD SOMETHING NEW



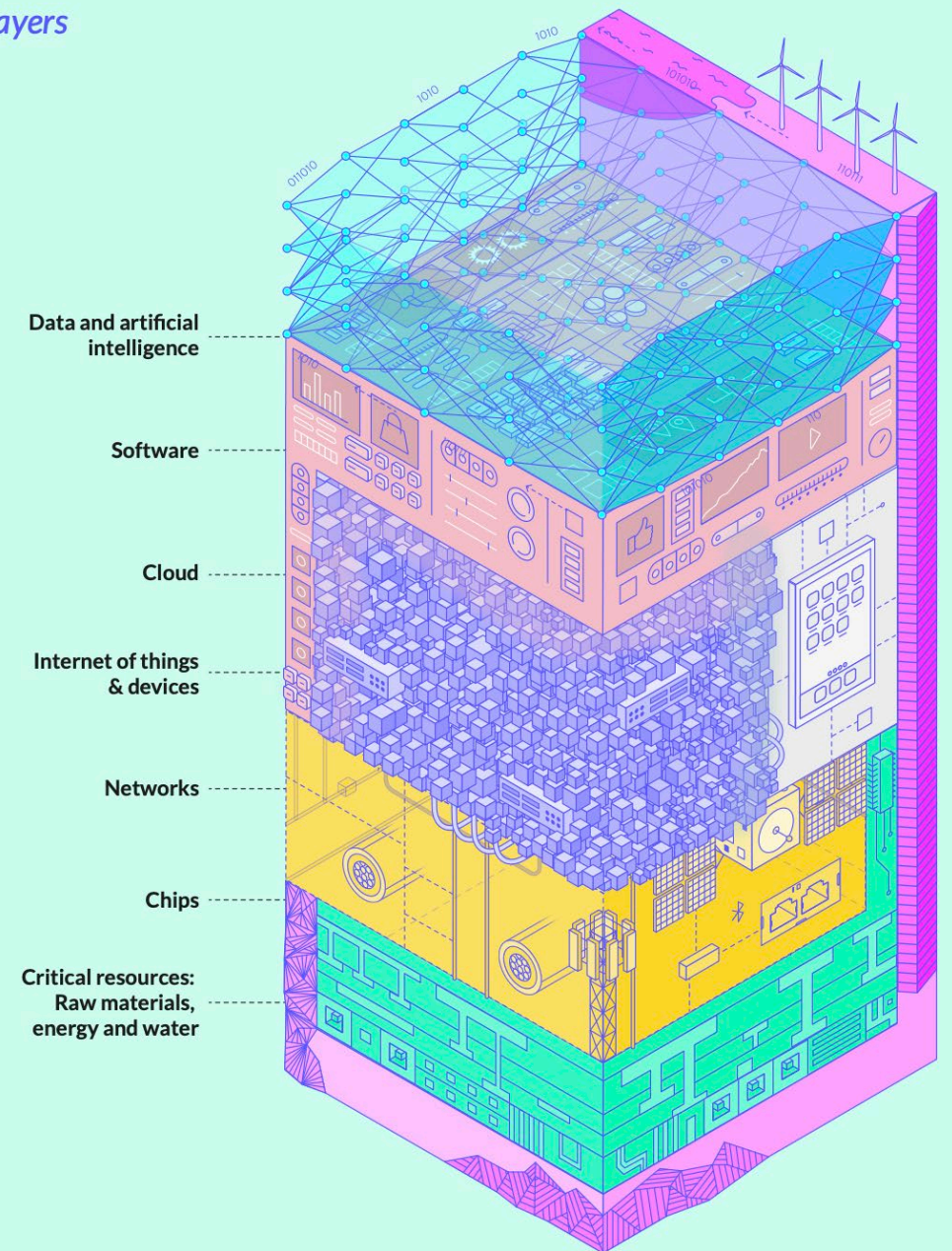
REASSESS THE TECH  
WE USE



# The current digital stack

## The layers

	KEY COUNTRIES				KEY FIRMS
<b>Data and artificial intelligence</b>	US		China		OpenAI, Microsoft, Google, Meta, Anthropic, XAI, Amazon, Baidu, Tencent, Alibaba, DeepSeek
<b>Software</b>	US	China	Germany		Microsoft, Apple, Alphabet, Meta, Amazon, Salesforce, SAP, ByteDance, Tencent
<b>Cloud</b>	US		China		Amazon, Microsoft, Alphabet, Alibaba
<b>Internet of things &amp; devices</b>	US	China	Korea	Germany	Amazon, Google, Apple, Samsung, Huawei, Bosch, Siemens, Xiaomi
<b>Networks</b>	US	China	Europe	Japan	Huawei, Nokia, Ericsson, ZTE, SpaceX, NEC
<b>Chips</b>	Taiwan	Korea	US	Netherlands	TSMC, Samsung, Intel, NVIDIA, AMD, ASML
<b>Raw materials, energy, and water</b>	US	China	Russia		Chinese government (through SOEs e.g., China Rare Earth Group), ExxonMobil, Gazprom





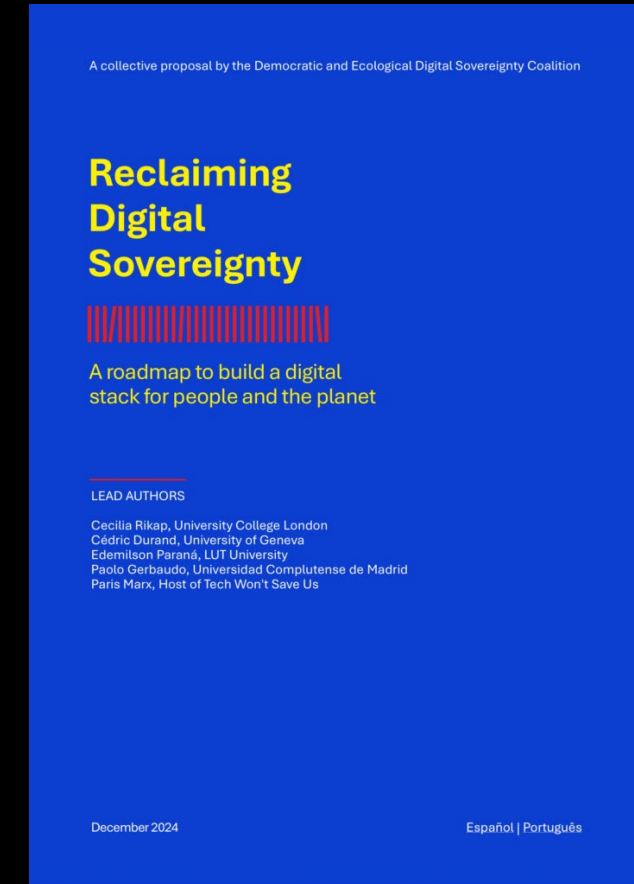
DO WE NEED ALL THIS TECH?

HOW MUCH COMPUTE DO WE RE

CAN WE DO SOMETHING DIFFERENT?

# What might it look like?

- State-led investment to develop an alternative tech infrastructure
- Public tech centres to root tech development in communities
- International alliance to pool resources and develop global approaches
- Technology for the public good, not to maximize shareholder value





Norwegian  
Digital  
Cooperative 

# Thank you!

Paris Marx

paris@parismarx.com

@parismarx

disconnect.blog

techwontsave.us

roadtonowherebook.com

