



TCI NETWORK

27<sup>TH</sup> TCI GLOBAL CONFERENCE

THE COLLABORATIVE FUTURE

AI & HUMAN PROGRESS THROUGH CLUSTERS

OCTOBER 8 - 10 CHIHUAHUA MEXICO

KEYNOTE

**REBECA HWANG**

Are You Irreplaceable in the  
Era of AI?

# Are YOU Irreplaceable in the Era of AI?

**REBECA HWANG**

27<sup>th</sup> TCI Global Conference. The Collaborative Future  
Chihuahua, Oct 10, 2024



# # of days to 1M and 100M users by technology

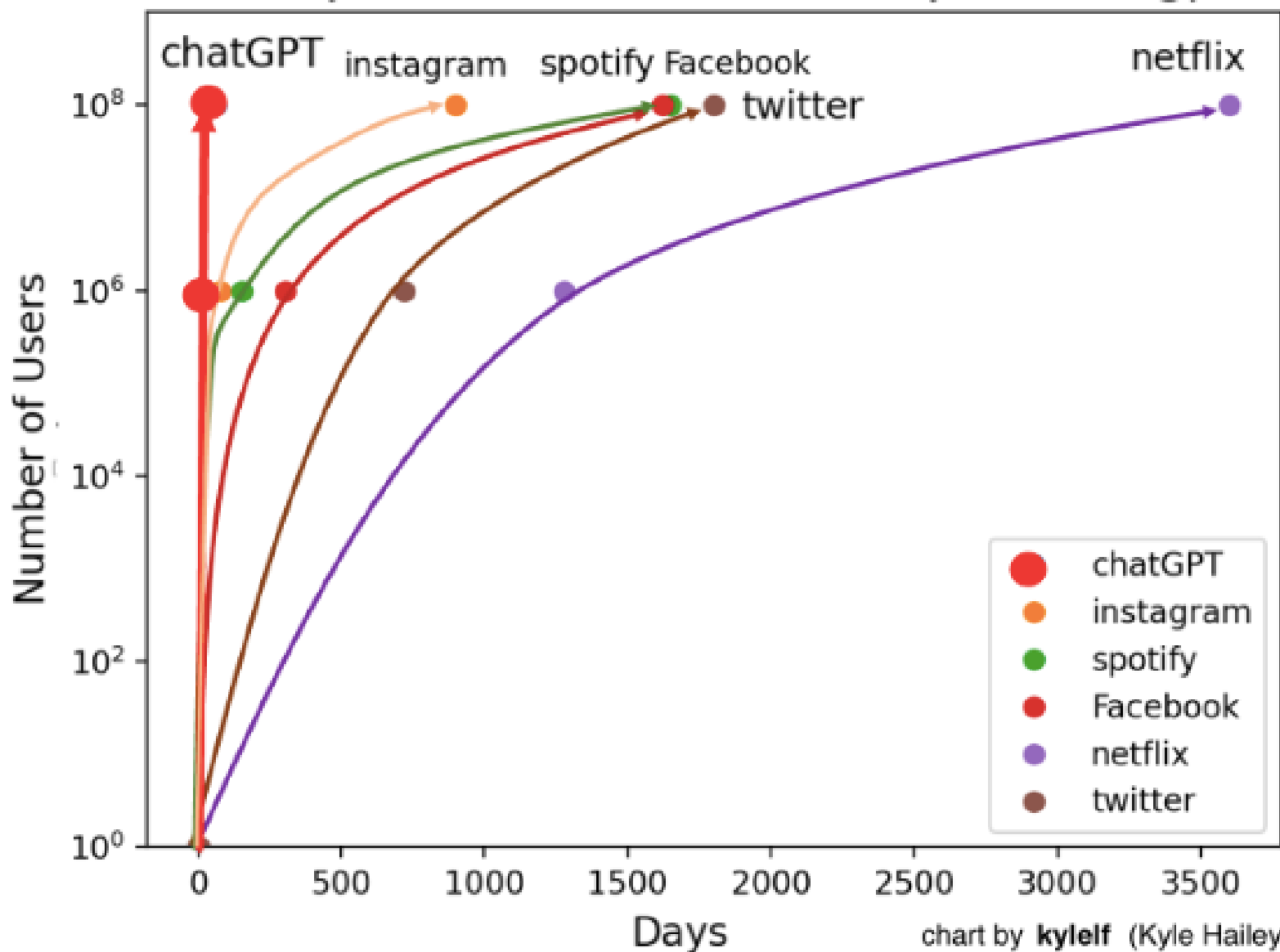
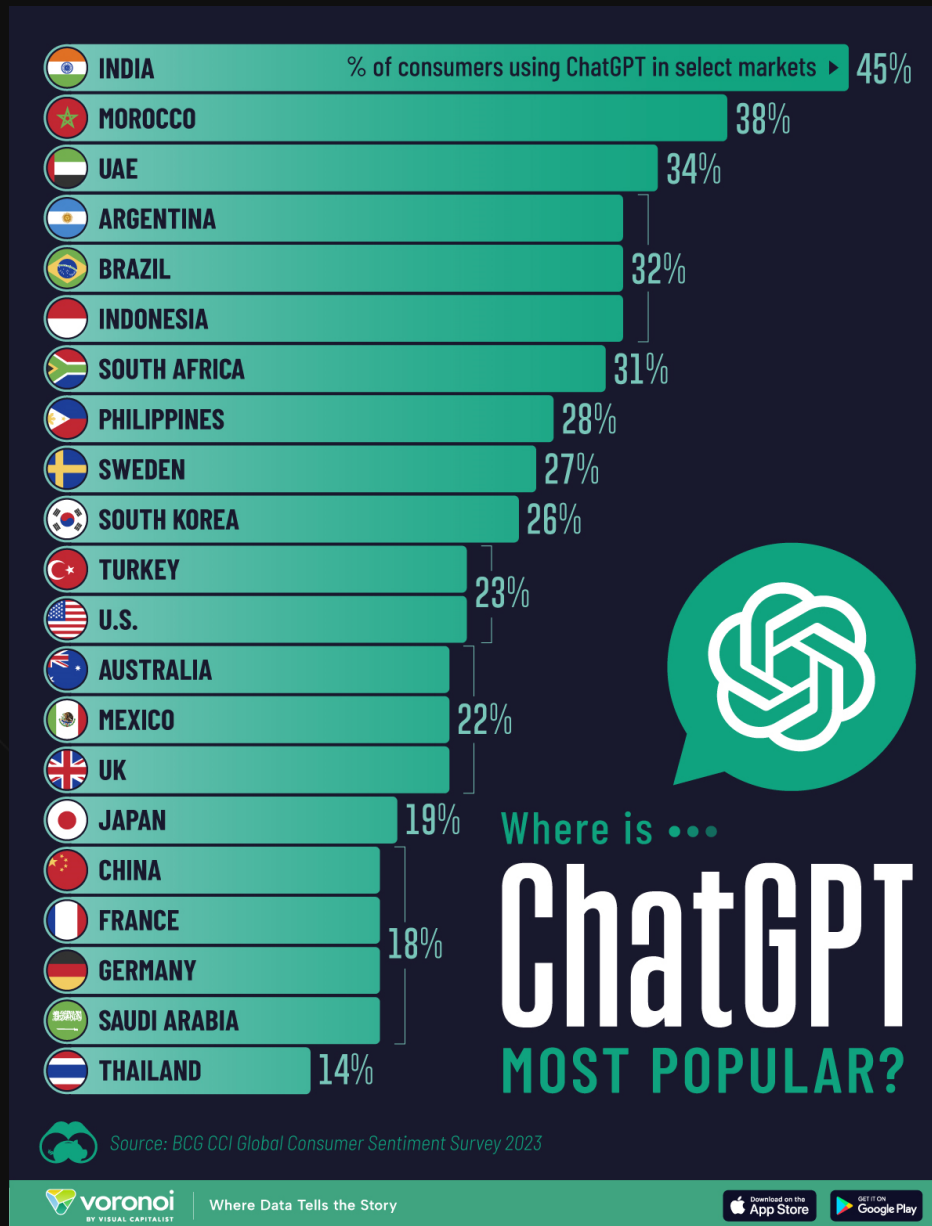
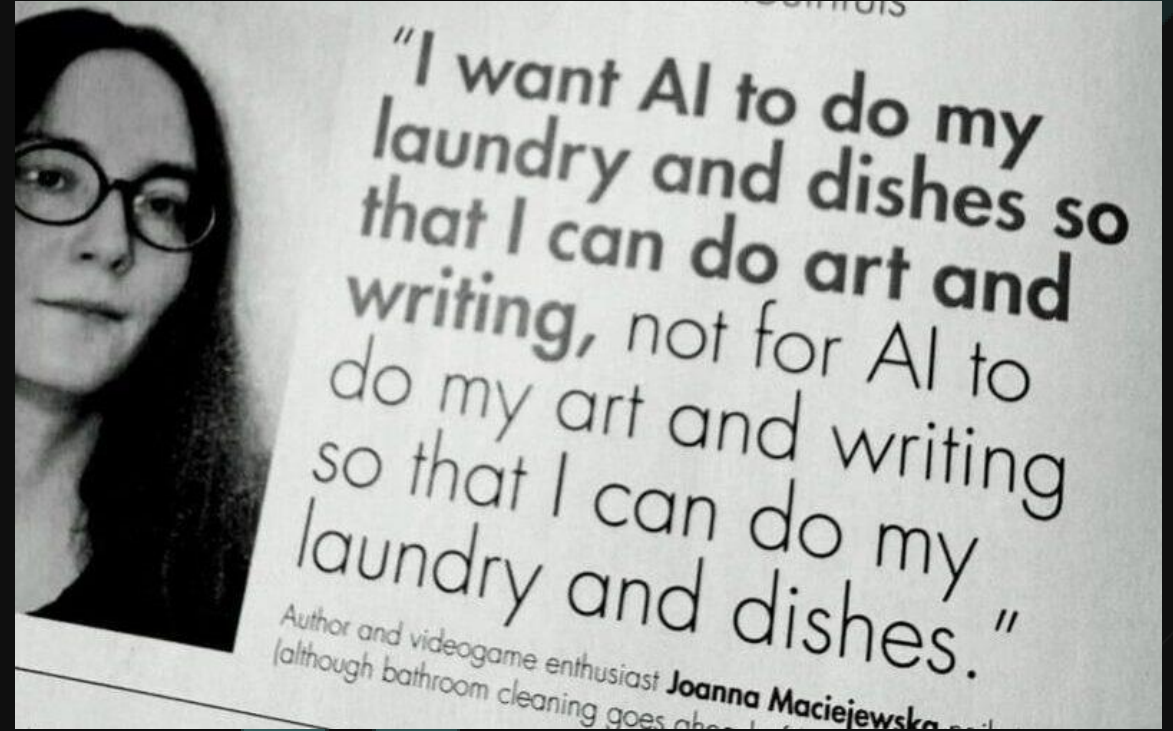


chart by **kylelf** (Kyle Hailey)

# THE GLOBAL SOUTH IS LEADING AI ADOPTION



# THE BACKLASH



## Klarna's New AI Tool Does The Work Of 700 Customer Service Reps

Gene Marks Contributor

I write about tech that impacts my small business - and yours.

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Mar 13, 2024, 01:00pm EDT



## Change is HERE

The final total of layoffs for 2023 ended up being **262,735**, according to [Layoffs.fyi](https://www.layoffs.fyi). Tech layoffs conducted in 2023 were 59% higher than 2022's total, according to the data in the tracker.

Source: <https://techcrunch.com/2024/04/15/tech-layoffs-2023-list/?guccounter=1>

### Tesla

Is cutting "more than 10%" of its global workforce, impacting more than **14,000** workers worldwide, as Tesla prepares itself "for our next phase of growth"

### IBM

The company previously announced a strategy to **replace upwards of 8,000 jobs with AI.**

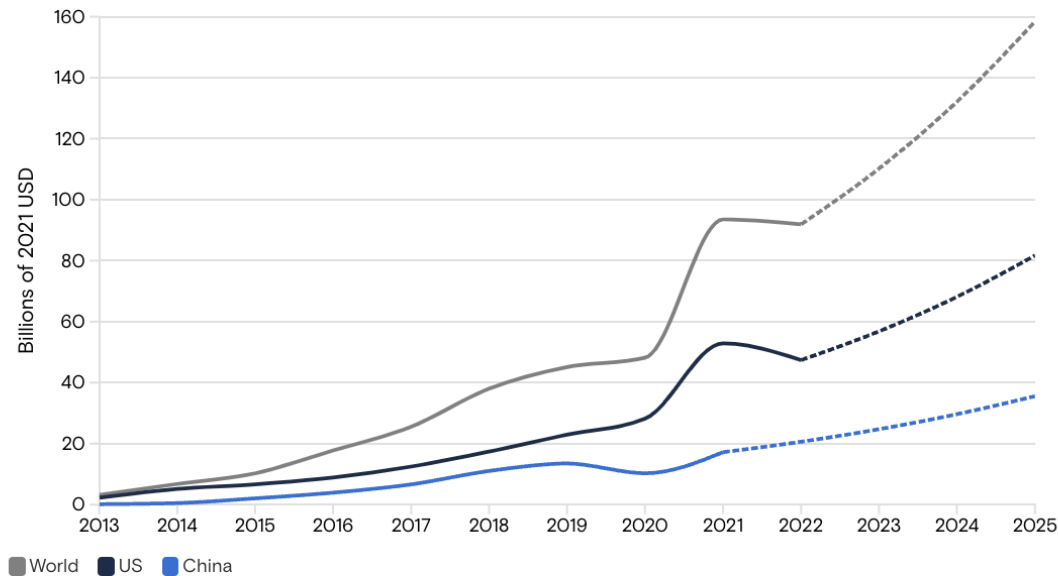
### SAP

Announced it intends to offer voluntary buyouts or job changes to **8,000 employees amid restructuring.**

# Silicon Valley is READY

## AI investment is likely to grow in the next three years

Private AI investment (dotted lines show GS revenue projections\*)



Source: Stanford Institute for Human-Centered Artificial Intelligence, Goldman Sachs Research • \*Average of GS Research 2022-2030 revenue growth estimates for Microsoft Azure, NVIDIA, Google Cloud, and Amazon Web Services (when available)



# AI investment forecast to approach \$200 billion globally by 2025

Published on 01 AUG 2023

Topic: ARTIFICIAL INTELLIGENCE OUTLOOKS



Innovations in electricity and personal computers unleashed investment booms of as much as 2% of U.S. GDP as the technologies were adopted into the broader economy. Now, investment in artificial intelligence is ramping up quickly and could eventually have an even bigger impact on GDP, according to Goldman Sachs Economics Research.

## AI GLOBAL SPENDING 2023

# 97.9 BILLION (IDC)



## Silicon Valley's techies are building the AI that could replace them

Zuckerberg extolled the brutal downsizing he led in 2022 and 2023 at Meta, when he got rid of 21,000 workers in short order. “You wanna keep things lean,” he said, pining for the days when “you could just have meetings in your own head about what direction you want to go in”.

Eighteen months on from that epic bloodletting, Zuckerberg made it clear he was still very focused on transforming the social media behemoth into “the leanest version of a large company that we can be”. He added: “It is problematic when you have more people working on something than you should.”

You could almost hear a collective gulp from the rank-and-file technology workers in the crowd. Their industry is coming out of a brutal period, and not just at Meta. After their halcyon days during Covid, more than 470,000 tech workers have been let go, according to data compiled since 2022 by the website Layoffs.fyi. Meanwhile, venture capital funding for start-ups — in sectors other than artificial intelligence — plunged to \$167 billion (£126 billion) in the first six months of this year, half the sum invested during the same period in 2021.

shift since the internet. More than 50 per cent of the 1,800 AI start-ups that last year received at least \$1.5 million each in funding were based in San Francisco and Silicon Valley. Many of them are promising to revolutionise everything from call centres to law, to what it means to be human.



# MIND BLOWING AI STATS

GDP: AI could contribute up to \$15.7 Trillion by 2030 (Global Econ Impact)

Productivity: Businesses that fully integrate AI could double their cashflow by 2030 or 40% increase in productivity (Accenture)

Employment: 97 Million NEW roles may emerge, new division of labor between humans, machines and algorithms (WEF)

Data: Only 0.5% of all data is ever analyzed and used, yet businesses that harness the full potential of data could unleash increase of operating margins by 60% (Forbes)

Cybersecurity: AI has reduced cybersecurity by 27.2% (2M annual savings by breach (Capgemini)

Energy: Machine Learning could reduce energy usage by 40% in data centers (DeepMind)

Customer Service: AI increases response rate to 25% faster and can handle 80% of routine questions (IBM)

# Types of AI tools:

1. ASISTANT

2. AUGMENTATION

3. AUTONOMOUS




OPENAI'S 5 STEPS TO AGI:

<https://www.inc.com/ben-sherry/5-steps-that-openai-thinks-will-lead-to-artificial-intelligence-running-a-company.html>

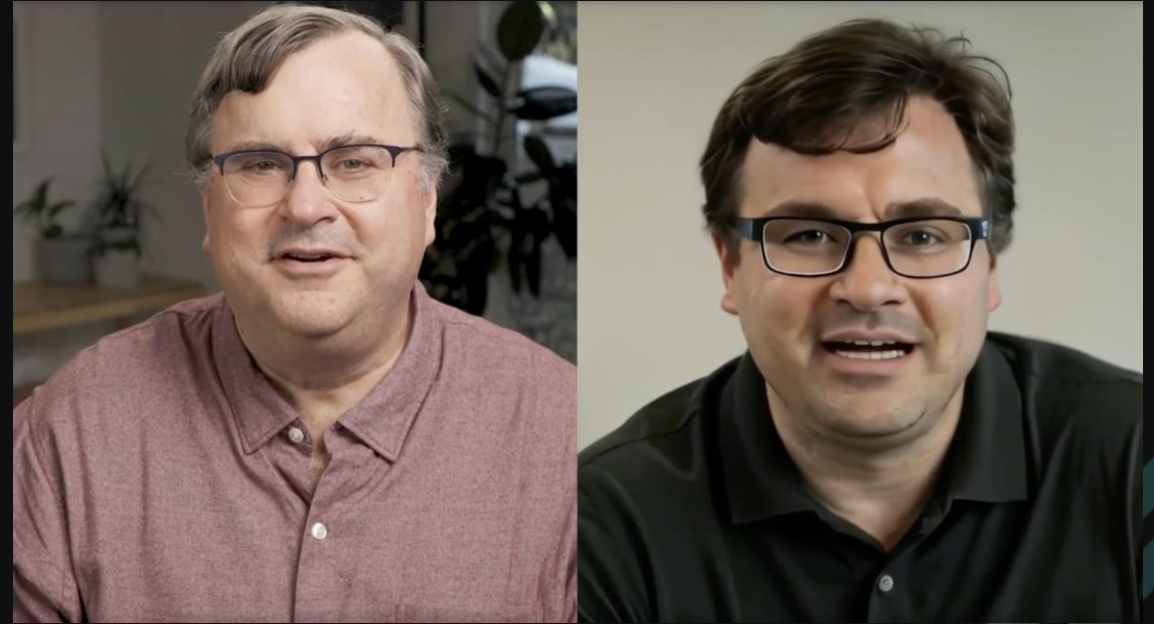
# OPENAI'S 5 STEPS TO AGI:

- Stage 1: “Chatbots, AI with conversational language”
- Stage 2: “Reasoners, human-level problem solving”
- Stage 3: “Agents, systems that can take actions”
- Stage 4: “Innovators, AI that can aid in invention”
- Stage 5: “Organizations, AI that can do the work of an organization”



<https://www.inc.com/ben-sherry/5-steps-that-openai-thinks-will-lead-to-artificial-intelligence-running-a-company.html>

# There are clones living amongst us already



## VIDEOS:

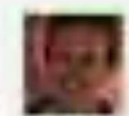
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### Familiar Faces



Roland



Emma



# Early Applications of AI in Mexico



Antonio Nuño • 3er+

Co Founder & CEO @ Someone Somewhere | Making Sustai...

7 meses • Editado •

Qué pasaría si, en el próximo Mundial, la playera de México llevara un pedacito de sus tradiciones?

Durante el mundial de Qatar, [adidas](#) vendió 2.9 millones de playeras de la Selección Mexicana. El próximo mundial tendrá juegos en México, por lo que muy probablemente se superen las 3 millones de playeras vendidas.

Todas las marcas deportivas están buscando cómo diferenciarse de la competencia, y [adidas](#) ya es el líder en temas de sustentabilidad. Qué tal si también lo fueran en impacto social?

Nos imaginamos qué pasaría si la próxima playera de México se hiciera en colaboración con [Someone Somewhere](#), e incorporara elementos bordados a mano por diversas comunidades del país. Sería la primera vez que una selección lance una iniciativa así, y sin duda inspiraría a decenas de países más a replicarlo pues la artesanía es la segunda mayor fuente de empleo en todo Latinoamérica, Africa y Asia.

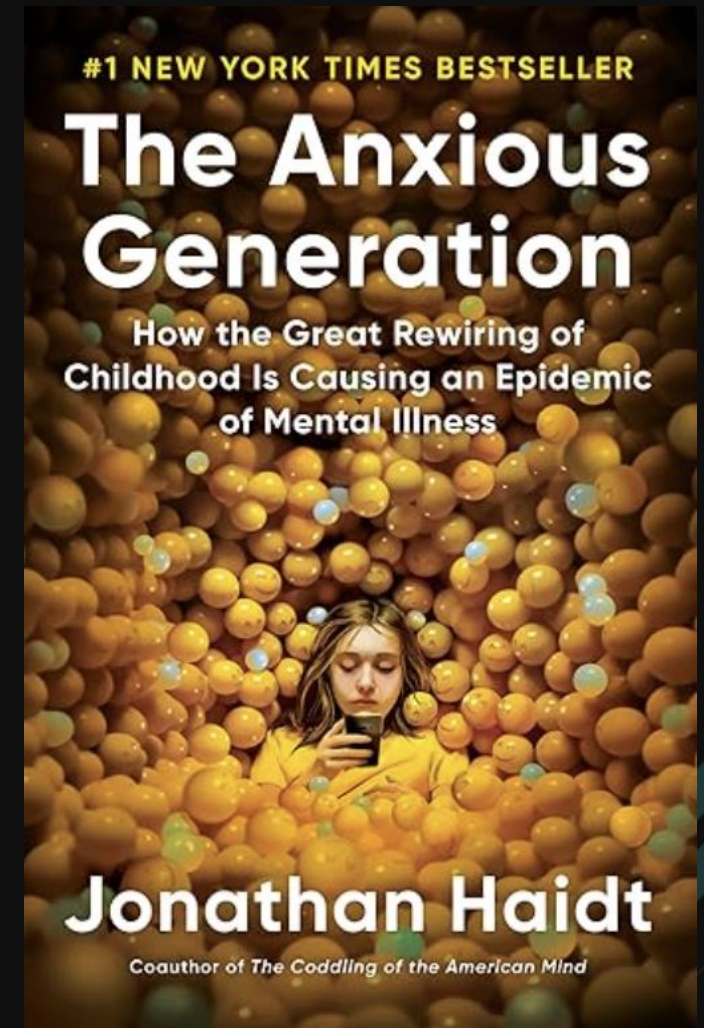
Asumiendo que cada playera tenga un parche con una hora de bordado (eg: las tres líneas de Adidas), el producto generaría 6 meses de trabajo justo para más de 3,000 artesanas (de las 10,000 que tenemos en nuestra lista de espera), y permitiría que más de 15,000 personas, incluyendo familias, rompan el ciclo de pobreza.

Solo en 2023, en [Someone Somewhere](#) hicimos más de 10 millones de productos con comunidades de artesan@s, así que este proyecto sería completamente viable.



# What have we learned so far?

- We have overestimated the impact of generative AI in creative industries
- We have underestimated the impact of generative AI on technical jobs
- Humans as supervisors and leading role is not to be taken for granted
- Technology-mediated human interactions are risky







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TECH · A.I.

# New Nobel Prize winner, AI godfather Geoffrey Hinton, says he's proud his student fired OpenAI boss Sam Altman

BY **CHRISTIAAN HETZNER**

October 9, 2024 at 6:01 AM CST



Geoffrey Hinton, godfather of AI, in 2023.

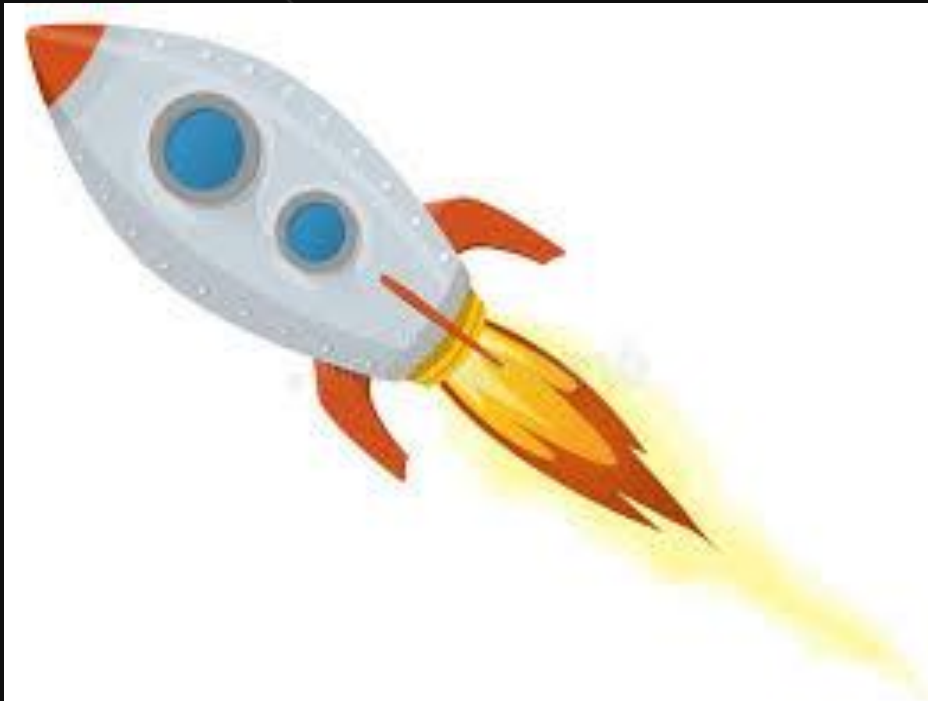
RAMSEY CARDY—SPORTSFILE FOR COLLISION/GETTY IMAGES

As a cluster, how do you become  
irreplaceable?



Improvisational Leadership  
Adaptive Leadership  
Creativity under Pressure  
Transitional Culture Creation

What if you are busy perfecting the horse carriage when others are building the car?



# The A.I. Boom Has an Unlikely Early Winner: *Wonky Consultants*

Rattled by tech's latest trend, businesses have turned to advisers at Boston Consulting Group, McKinsey and KPMG for guidance on adopting generative artificial intelligence.

While the tech industry is casting about for [ways to make money](#) off generative A.I., the consultants have begun cashing in.


IBM, which has [160,000 consultants](#), has secured more than \$1 billion in sales commitments related to generative A.I. for consulting work and its [watsonx](#) system, which can be used to build and maintain A.I. models. [Accenture](#), which provides consulting and technology services, booked \$300 million in sales last year. About 40 percent of McKinsey's business this year will be generative A.I. related, and KPMG International, which has a global advisory division, went from making no money a year ago from generative-A.I.-related work to targeting more than \$650 million in business opportunities in the United States tied to the technology over the past six months.



IBM has more than \$1 billion in sales commitments for its work with generative A.I. Matthias Balk/picture alliance, via Getty Images

The demand for tech-related advice recalls the industry's dot-com boom. Businesses  stamped consultants with requests for counsel in the 1990s. From 1992 to 2000, sales for Sapient, a digital consulting firm, went from \$950,000 to \$503 million. Subsequent technology shifts like the migration to mobile and cloud computing were less hurried, said Nigel Vaz, chief executive of the firm, which is now known as Publicis Sapient.

Will you SURVIVE as a cluster?  
The opportunity: to surpass  
expectations



Latin words: super, which  
means 'above, over, or  
beyond' and vivere,  
which means 'to live'.

# WHO ARE YOU?

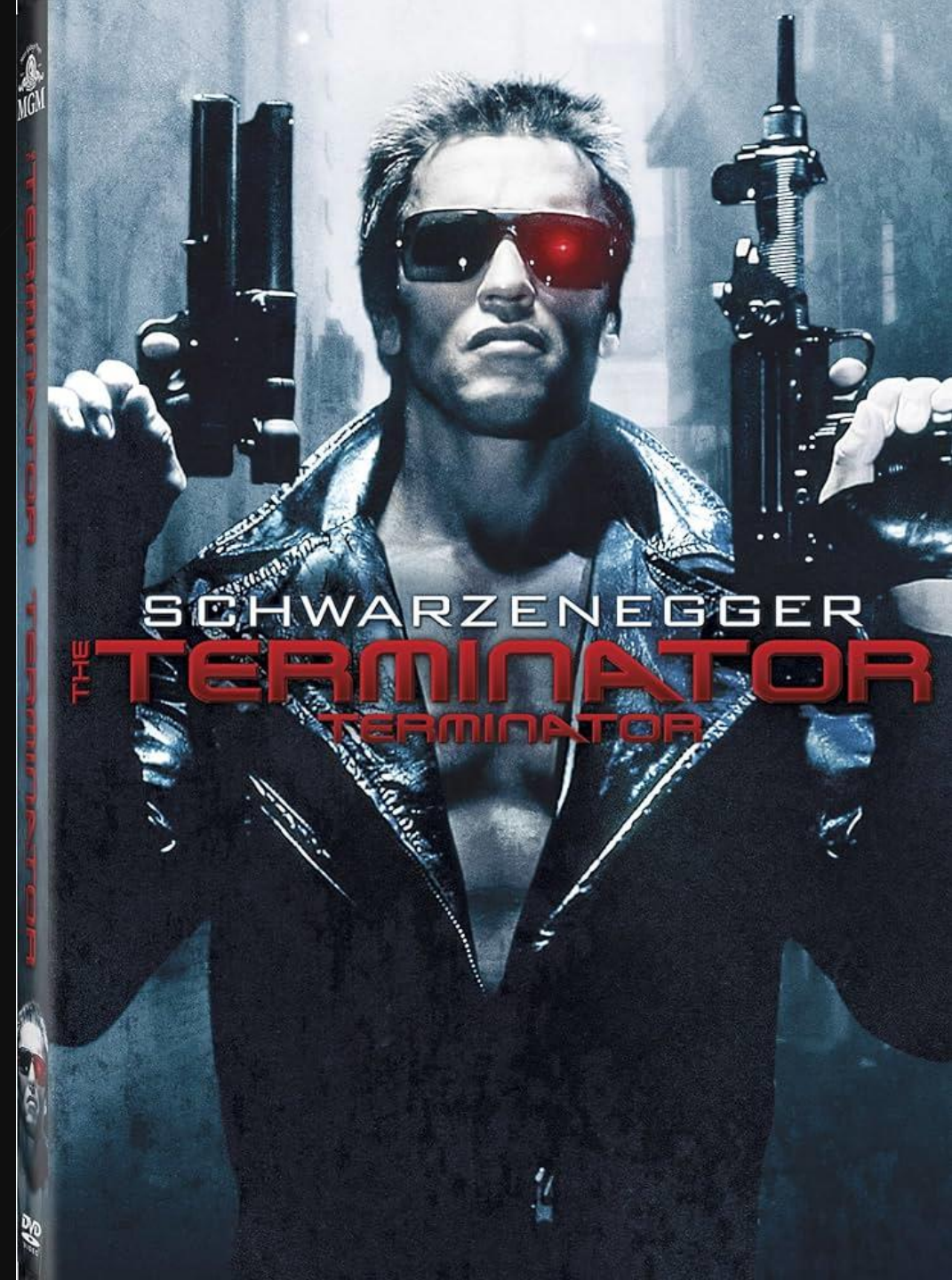
Harvard Business School's Professor Frances Frei,  
“In order to be great, you have to be bad.”

“People think focus means saying yes to the thing you’ve got to focus on. But that’s not what it means at all. It means saying no to the hundred other good ideas that there are. You have to pick carefully. I’m actually as proud of the things we haven’t done as the things I have done. Innovation is saying ‘no’ to 1,000 things.”

— Steve Jobs

*fs*

fs.blog



You become the stories you tell: The Power of Narratives

Stories transform bricks into buildings

# From LABOR INTENSIVE to HUMAN EXPANSIVE

1. High Density Network
2. Hyper Connectivity and Collaboration
3. Culture that attracts Talent



*Thank you!*

*Rebeca Hwang*

*rebeca@kaleiventures.com*

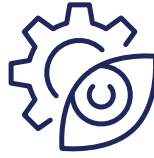
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*@rebecahwangOK*

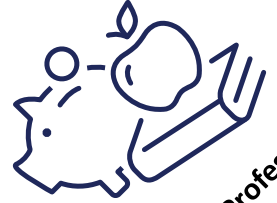
*<https://www.linkedin.com/in/rehwang/>*



Startup ecosystem  
creator and  
connector



Entrepreneur



Investor/Professor



Engineer/Inventor



Academic



Public speaker  
and thought leader  
on diversity



Social entrepreneur

Kalei  
VENTURES

R  
RIVET VENTURES

youoodle

WORLD  
ECONOMIC  
FORUM



TED

MIT  
Technology  
Review  
INNOVATORS  
UNDER 35

THE FORUM OF  
YOUNG GLOBAL LEADERS  
SHAPING THE FUTURE



# A NETWORK FOR POLICY MAKERS

