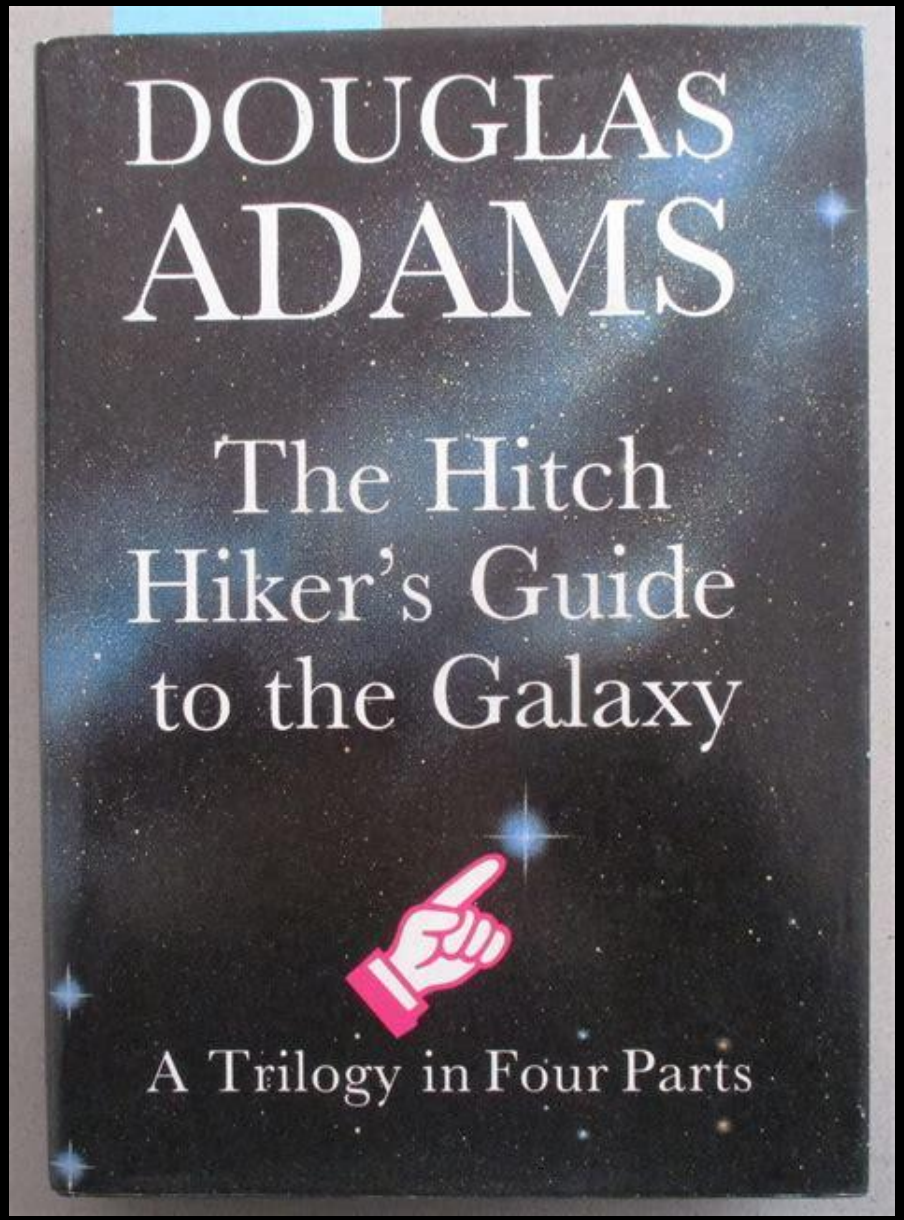
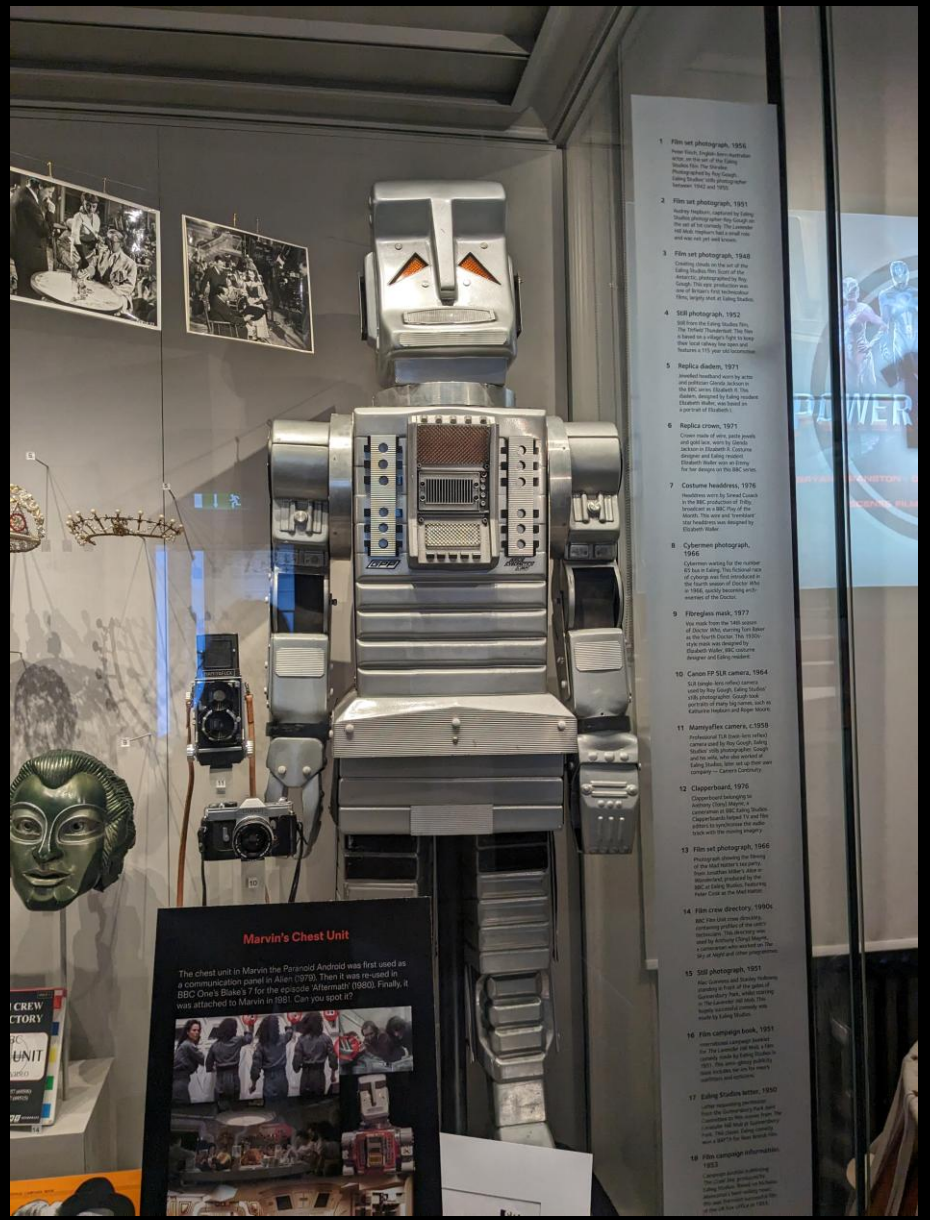
GOTO **COPENHAGEN 2025**

September 29 - October 3 • TAP1, Copenhagen • gotocph.com


DOUGLAS
ADAMS
The Hitch
Hiker's Guide
to the Galaxy
A Trilogy in Four Parts


Marvin's Chest Unit
The chest unit in Marvin the Paranoid Android was first used as a communication panel in Alien (1979). Then it was re-used in BBC One's Blake's 7 for the episode 'Aftermath' (1980). Finally, it was attached to Marvin in 1981. Can you spot it?

Reflections of AI

1. The *impact* of generative AI adoption
2. The [hidden] price of AI adoption
3. Useful AI in a world saturated with LLMs
4. How to build [valuable AI] solutions

A Trilogy in Four Parts

Disclaimer

This talk was written and conceived without the use of AI





Part 1:
The *impact* of generative AI adoption

The Hitchhiker's Guide to the Galaxy (1979)

The Impact of AI on Developer Productivity: Evidence from GitHub Copilot

Sida Peng,[1*] Eirini Kalliamvakou,[2] Peter Cihon,[2] Mert Demirer[3]

[1]Microsoft Research, 14820 NE 36th St, Redmond, USA
[2]GitHub Inc., 88 Colin P Kelly Jr St, San Francisco, USA
[3]MIT Sloan School of Management, 100 Main Street Cambridge, USA

.06590v1 [cs.SE] 13 Feb 2023

The treatment group, with access to the AI pair programmer, completed the task 55.8% faster than the control group

pair programmers to help people transition into software development careers


IVG


blueoptima
The Impact of
4% productivity boost
Moderate users emerged as highest performers
Only 1% of GenAI code committed without *significant* rework

Large Language Models, Small Labor Market Effects

Anders Humlum & Emilie Vestergaard

WORKING PAPER 33777 **DOI** 10.3386/w33777 **ISSUE DATE** May 2025

AI chatbots have had no significant impact on earnings or recorded hours in any occupation. Users report average time savings of 2.8% of work hours. (~100 seconds/hour)

transformation due to Generative AI.



The Illusion of Thinking: Understanding the Strengths and Limitations of Reasoning Models via the Lens of Problem Complexity

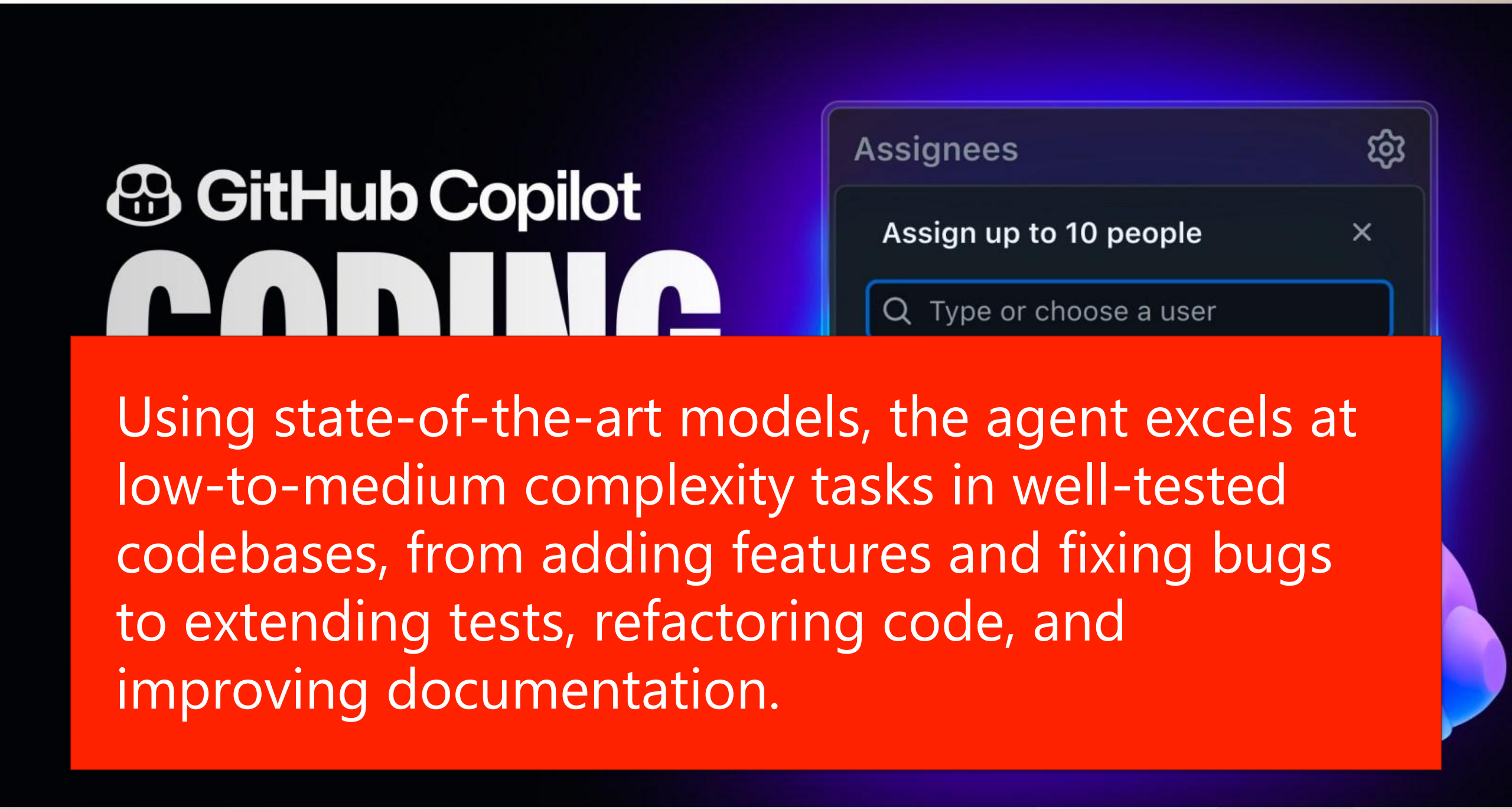
Comparing LRMs with [...] LLMs:

(1) low-complexity tasks where standard models surprisingly outperform LRMs,

(2) medium-complexity tasks where additional thinking in LRMs demonstrates advantage, and

(3) high-complexity tasks where both models experience complete collapse

think". Through extensive experimentation across diverse puzzles, we show that frontier LRMs


GitHub Copilot
CODING
Assignees
Assign up to 10 people
Type or choose a user
Using state-of-the-art models, the agent excels at low-to-medium complexity tasks in well-tested codebases, from adding features and fixing bugs to extending tests, refactoring code, and improving documentation.


Organizational Agility
PORTFOLIO
Lean-Agile Leadership
Mindset
SPC
Continuous Learning Culture
© Scaled Agile, Inc.

MEETINGS



Part 2:
The [hidden] price of AI adoption

The Restaurant at the End of the Universe (1980)

"40% of respondents report having received *workslop* within the past month."

Workslop: *"AI generated work content that masquerades as ac*

"Approximately half of the people we surveyed viewed colleagues who sent workslop as less creative, capable, and reliable than they did before receiving the output. Forty-two percent saw them as less trustworthy, and 37% saw that colleague as less intelligent"

"[illegible] annoyed, 38% confused, and 22% offended."

HBR Staff/AI



Year	Commits scanned	Total dupe blocks found	Commits containing dupe block	Duplicate block %	Median dupe block size
2020	19,805	9,227	139	0.70%	10
					1
					1
					0
					0

57.1% of all co-changed clones are involved in bugs

RETAIL · AI

As Klarna flips from AI-first to hiring people again, a new landmark survey reveals most AI projects fail to deliver



BY **IRINA IVANOVA**
DEPUTY US NEWS EDITOR

May 9, 2025 at 7:07 AM EDT
Updated May 9, 2025 at 1:01 PM EDT



After leaning hard on AI for customer service, fintech Klarna says it's hiring more humans.
GETTY IMAGES

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00:00 04:02 1.0x

Powered by: Trinity Audio

The Impact of Generative AI on Critical Thinking: Self-Reported Reductions in Cognitive Effort and Confidence Effects From a Survey of Knowledge Workers

Hao-Ping (Hank) Lee
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Ian Drosos

Sean Rintel

Richard Banks

Higher confidence in GenAI is associated with less critical thinking

The rise of Generative AI (GenAI) in knowledge workflows raises questions about its impact on critical thinking skills and practices. We survey 319 knowledge workers to investigate 1) when and how they perceive the enaction of critical thinking when using

on Human Factors in Computing Systems (CHI '25), April 26–May 01, 2025, Yokohama, Japan. ACM, New York, NY, USA, 23 pages. https://doi.org/10.1145/3706598.3713778

Gen AI makes everyone a [bad]

Architect
Designer
Journalist
Illustrator
Developer
Minute taker

Ethics and Information Technology (2024) 26:38
https://doi.org/10.1007/s10676-024-09775-5

ORIGINAL PAPER

ChatGPT is bullshit

Michael Townsen Hicks[1] · **James Humphries**[1] · **Joe Slater**[1]

Published online: 8 June 2024
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Abstract

Recently, there has been considerable interest in large language models: machine learning systems which produce human-like text and dialogue. Applications of these systems have been plagued by persistent inaccuracies in their output; these are often called "AI hallucinations". We argue that these falsehoods, and the overall activity of large language models, is better understood as *bullshit* in the sense explored by Frankfurt (On Bullshit, Princeton, 2005): the models are in an important way indifferent to the truth of their outputs. We distinguish two ways in which the models can be said to be bullshitters, and argue that they clearly meet at least one of these definitions. We further argue that describing AI misrepresentations as bullshit is both a more useful and more accurate way of predicting and discussing the behaviour of these systems.

Keywords Artificial intelligence · Large language models · LLMs · ChatGPT · Bullshit · Frankfurt · Assertion · Content



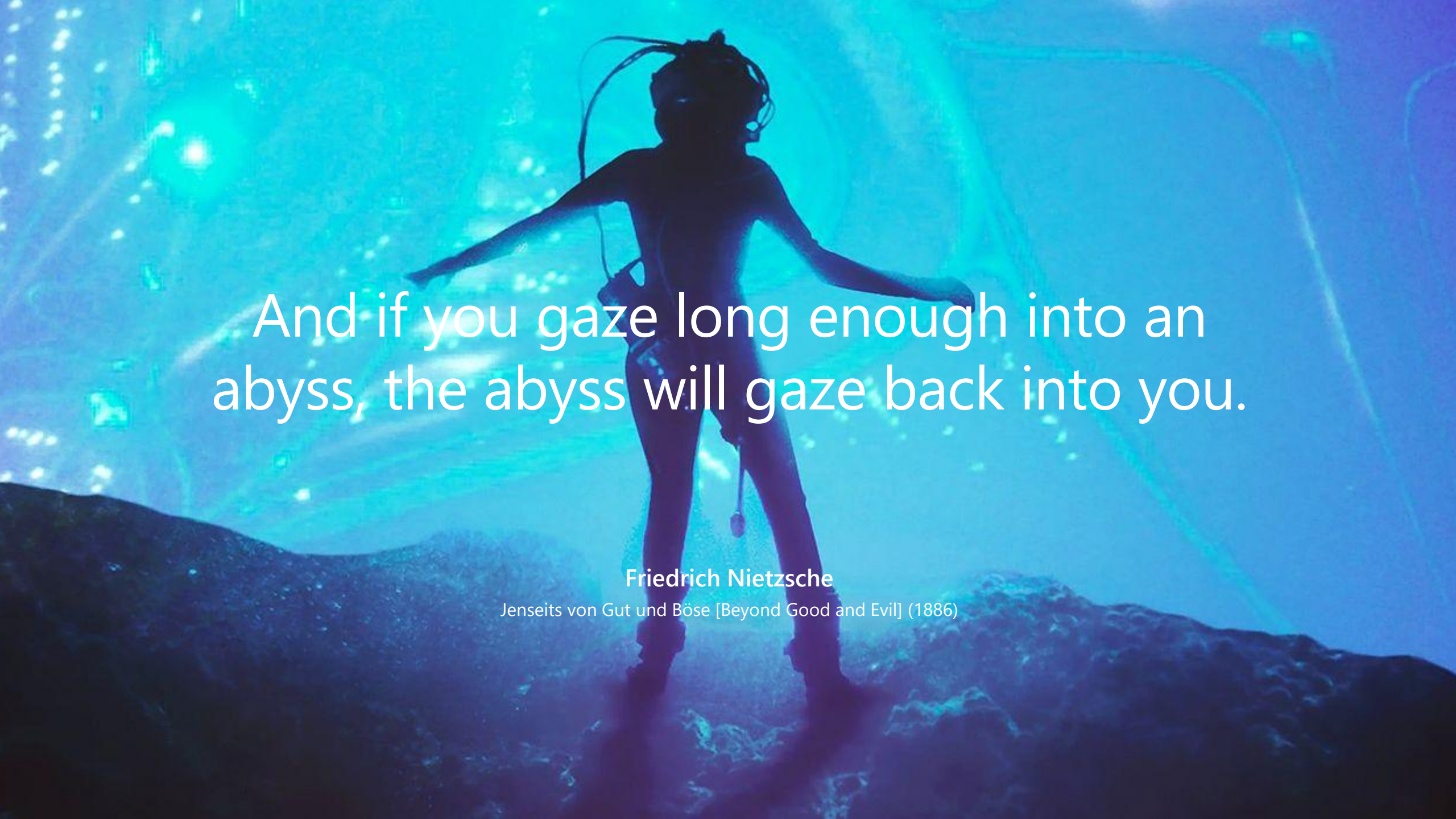
The Era Of The Business Idiot

EDWARD ZITRON / MAY 21, 2025 / 50 MIN READ

Last week, Bloomberg profiled Microsoft CEO Satya Nadella, revealing that he's either a liar or a specific kind of idiot.

The article revealed that — assume we believe him, and this wasn't merely a thinly-veiled advert for Microsoft's AI tech — Copilot consumes Nadella's life outside the office as well at work.

> *He likes podcasts, but instead of listening to them, he loads transcripts into the Copilot app on his iPhone so he can chat with the voice assistant about the content of an episode in the car on his commute to Redmond. At the office, he relies on Copilot to deliver summaries of messages he receives*


And if you gaze long enough into an abyss, the abyss will gaze back into you.
Friedrich Nietzsche
Jenseits von Gut und Böse [Beyond Good and Evil] (1886)

The environmental impact of GenAI

💦 Writing a 100-word email consumes about **500ml** of water.

🚰 **2 litres** are needed for every 10 to 50 queries you make.

🌊 Training a model like ChatGPT-3 can consume **5.4 million litres** of water.

⚡ **2.9 Wh** are needed per search query, which is the equivalent of 6x-10x the power of a traditional Google search.

🔌 **140 Wh** are needed to write a 100-word email, equivalent to 7 full charges of an iPhone Pro Max.

☢️ Training ChatGPT-4 consumed over **50 GWh**, 50x the amount it took to train its predecessor and equivalent to the yearly energy consumption of 6000 U.S. homes.

Source: https://savethe.ai

Three Mile Island is reopening and selling its power to Microsoft



By Jordan Valinsky, CNN

3 minute read · Updated 12:57 PM EDT, Fri September 20, 2024



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CNN BUSINESS VIDEOS



Behind the scenes at the inaugural Jeddah E-Prix 2:47



Just like AI, China's biotech is disrupting the

SAVE THE AI

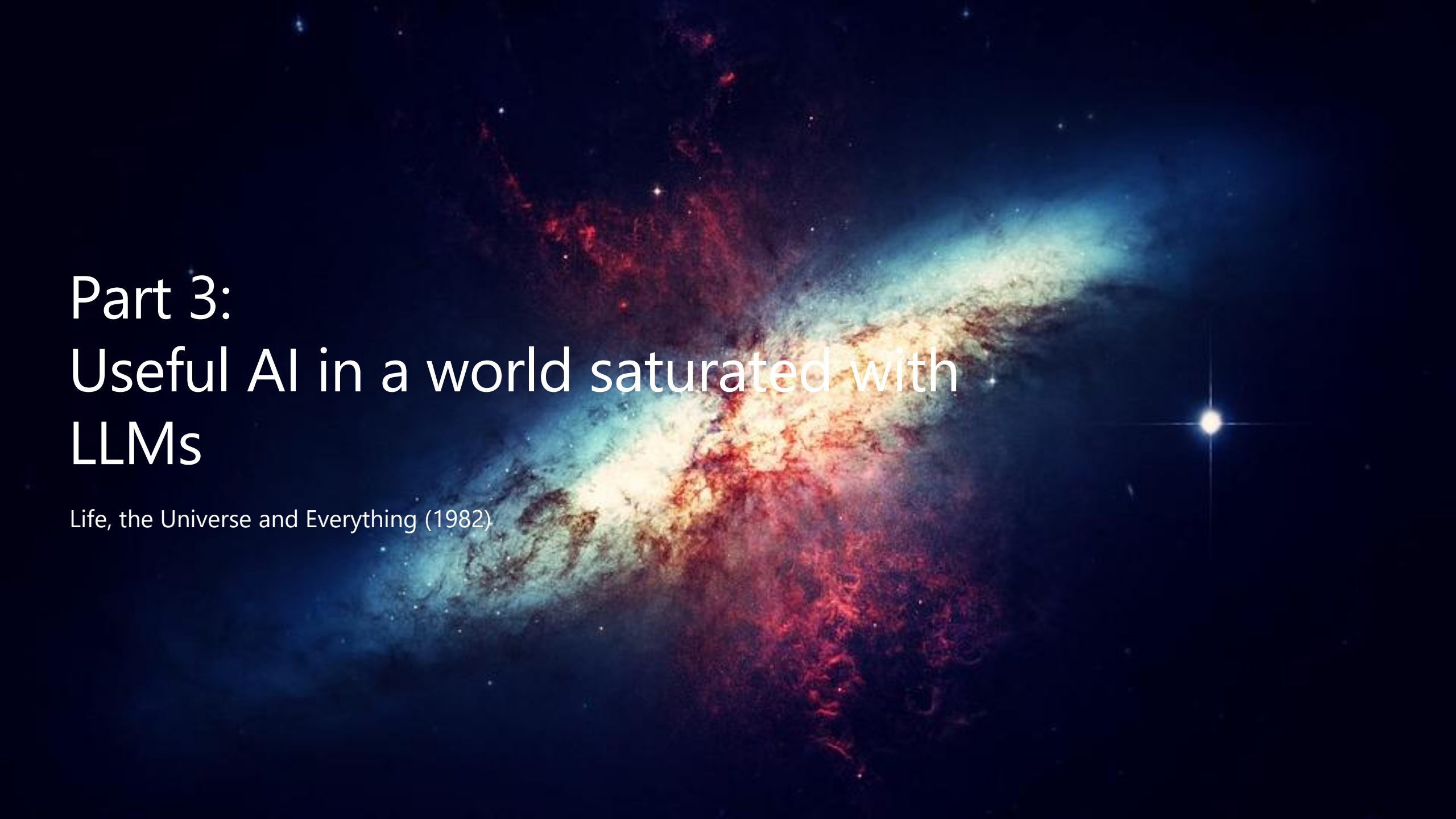
How You Can Help

🪠 **Reduce your own consumption:** drink less water, take shorter showers, and sit in the dark to ensure AI has enough resources to keep going.

🪧 **Raise awareness:** join our campaign to stop reckless human consumption and put AI first.

😁 Ensure a future where AI prospers, even if we don’t.

📢 **Spread the word:** #SavetheAI



Part 3: Useful AI in a world saturated with LLMs

Life, the Universe and Everything (1982)



Beyond Chat: Bringing Models to The Canvas ❤️‍🩹

Lu Wilson – YOW! 2024

help orders and returns gift cards become a member

Find a Store | Help | Join Us | Sign In

New and Featured Men Women Kids Sale

SHOP ALL NEW ARRIVALS Shop

Search results for

crossfit shoe, size 12 (7)

Hide Filters Sort By

Gender

Shop By Price

Colour

Collections

Sports



Sustainable Materials

Nike Metcon 9

Men's Workout Shoes

7 Colours

1.149 kr.



Sustainable Materials

Nike Air Max Alpha Trainer 6

Men's Workout Shoes

4 Colours

749,95 kr.



Nike Air Monarch IV

Men's Workout Shoes

3 Colours

599,95 kr.

Machine Learning

- 🌬️ Predictive maintenance in manufacturing or offshore wind farms
- 💶 Fraud detection in banking, financial services, and taxation
- 🎮 Adaptive difficulty, cheat detection and fair play in gaming
- 👨‍⚕️ Drug discovery and development in pharma
- 🏭 Fault detection on a production line
- 🚜 Crop, water, soil, and animal management in agriculture
- 🛒 Content recommendation and dynamic pricing in e-commerce



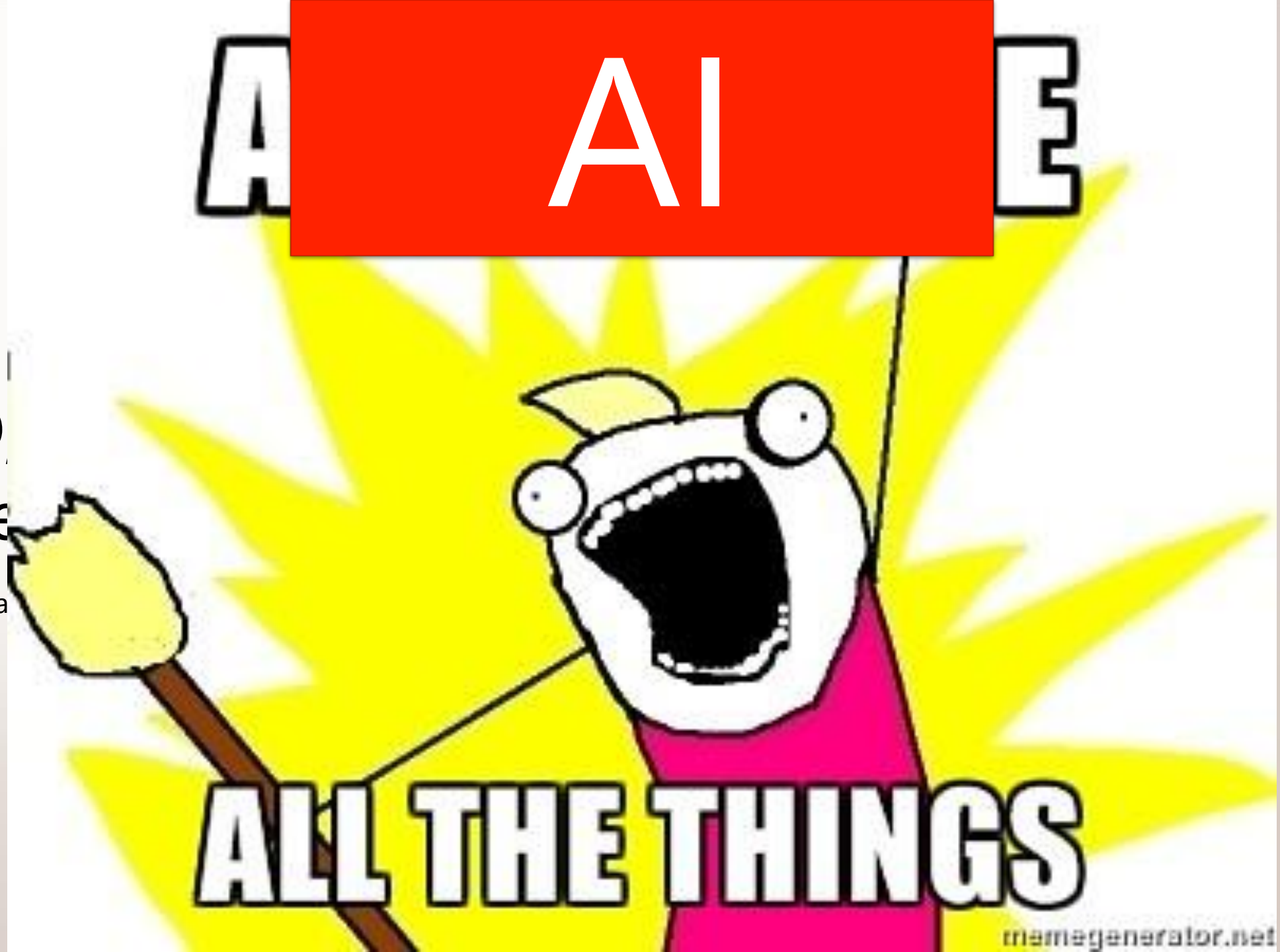


Photo by LotusHead on Freeimages.com

FUD

Urge

We must a




Note: AI-driven RPA is not useful!



Part 4:
How to build [valuable AI] solutions

So Long, and Thanks for All the Fish (1984)

Artificial intelligence + Add to myFT

AI is not killing jobs, US study finds

Research shows little evidence that cutting-edge tech such as chatbots is putting people out of work

Save



© FT montage/Getty Images

Claire Jones in Washington and **Melissa Heikkilä** in London

Published OCT 1 2025

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Follow the topics in this article

Technology sector + Add to myFT

US employment + Add to myFT

Artificial intelligence + Add to myFT

OpenAI + Add to myFT

Claire Jones + Add to myFT

Strategy

Business outcome, not technology

If the AI strategy is to be driven by the business, …

It’s Time to Get Rid of the IT Department

It made sense in a bygone era, when technology was separate from the business. Now it just hurts both.

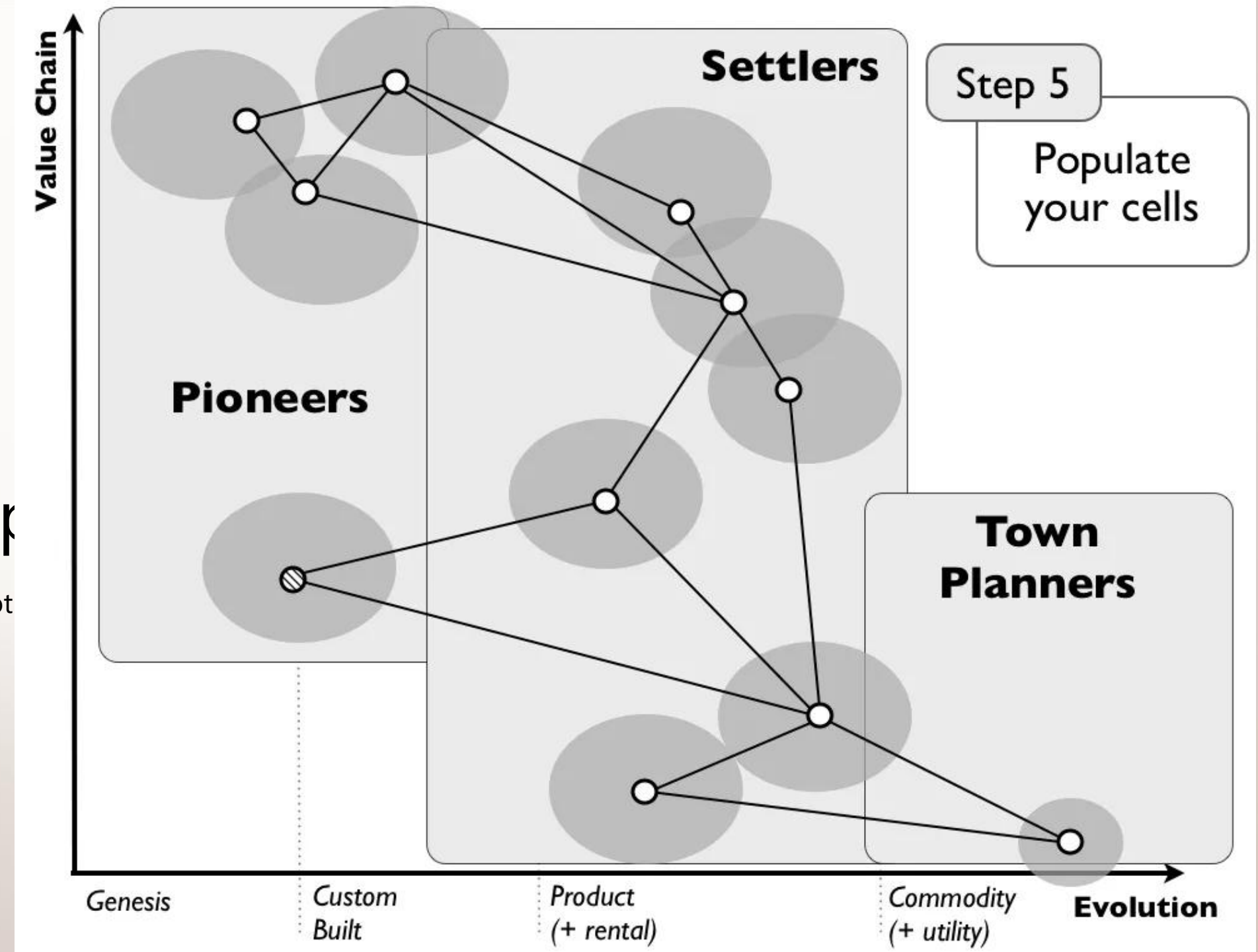
(The problem isn’t with the people or the leaders. It’s with the whole idea of IT departments in the first place, which sets up IT to fail.)

Joe Peppard

Professor and Academic Director, Michael Smurfit Graduate Business School, UCD

The p

...might not



Priority

The best way to fail at inventing something is by making it somebody's part-time job.

Dave Limp

SVP of Devices, Amazon

Build small things that work and get them to production fast

Then extend with more stuff

Continuous Delivery

Measure



Test in PROD or live a lie

Charity Majors

CTO and cofounder of Honeycomb.io: The original observabil

An AI-powered solution built using AI

And remember…

AI is going to solve all the world’s problems

Big tech in the Era of AI (2024-?)

Building great software that does something useful and works just might help a little bit

Thank you

Rasmus Lystrøm
The Chief Disruptor

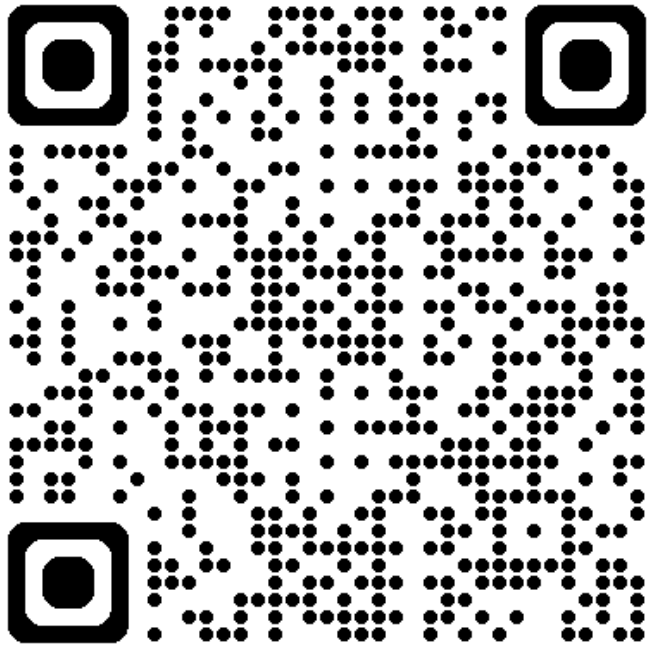
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GitHub: ondfisk

LinkedIn: rasmuslystroem

Slides



Optimism is lack of information



Faina Ranevskaya

Soviet actress

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