

# The Big Reveal

With Futurist Amelia Kallman

#64



# Introduction

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Welcome to Issue #64 of The Big Reveal! You can also watch it on YouTube [here](#).

It's been awhile! I needed to take some time to finish writing my forthcoming book. I've also been researching and writing reports for a financial services company, in addition to speaking at events across the UK and Europe on topics, including:

- Humanising AI: Leadership in the Age of AI
- Transforming the Future Today
- The Next Customer Experience
- Integrating Sustainability as a Core Business Strategy

My Spring / Summer calendar is starting to fill up, but if you have an event or would like to collaborate, I'd love to hear from you!

Thanks,  
[Amelia](#)



# 01

# Workmate

Lenovo's AI Workmate Concept is a desk companion with on-device AI processing. It's big feature is it can instantly scan physical books and documents to offer summaries, organise notes, and project content onto a desk or wall. With big expressive eyes, it interacts through voice and movement.

While it is still in the concept phase, what this imagines is a future where AI moves off screens and into our physical environments, expediting processes in a way that feels natural, intuitive, and friendly.



[Article.](#)

# 02

# Quantum Encryption

If you've been to one of my talks, you know I've warned about the threat of quantum computing to encryption for years, forecasting the problem to hit before the end of the decade. Now Google has warned that we can expect quantum hackers by 2029. In a statement they say, "We've adjusted our threat model to prioritise post-quantum cryptography migration for authentication services. We recommend that other engineering teams follow suit."

[Article.](#)



# 03

# LIZE

New trend: Technology to combat the negative impact of technology. LIZE is a neuro-responsive augmented reality headset that detects cognitive fatigue and negative mental states brought on by too much screen time and scrolling. Based on this data, it generates a digital, virtual environment meant to restore calm.

While integrating neuro-responsive technology into technology interfaces so they become personalised and generative is not a new concept, we can expect to see more companies claiming to offer “Brain-safe” and “Human-safe” devices soon.

[Article.](#)



Image by LIZE

# 04

## Slow LLM

Speaking of tech to protect people from tech - Slow LLM makes AI chatbots, like ChatGPT and Claude, annoyingly slow, giving people time to consider their reliance on AI.

Offering both a Chrome extension and an enterprise edition, if you're worried you may be becoming over-reliant on AI chatbots, or want to frustrate your kids into thinking for themselves, this could help reframe relationship with LLMs.



# 05 AVO

Nvidia's AVO doesn't just assist with coding, it does the entire process itself, without any humans needed in the loop. By cutting the human out of the equation, it is able to continuously explore, write, test, and improve code, reframing software development from a hands-on, step-by-step task into something that can operate independently in the background.

It suggests a future where engineers define goals, while autonomous systems handle the execution, accelerating software improvement and reducing the need for large teams.

[Article.](#)

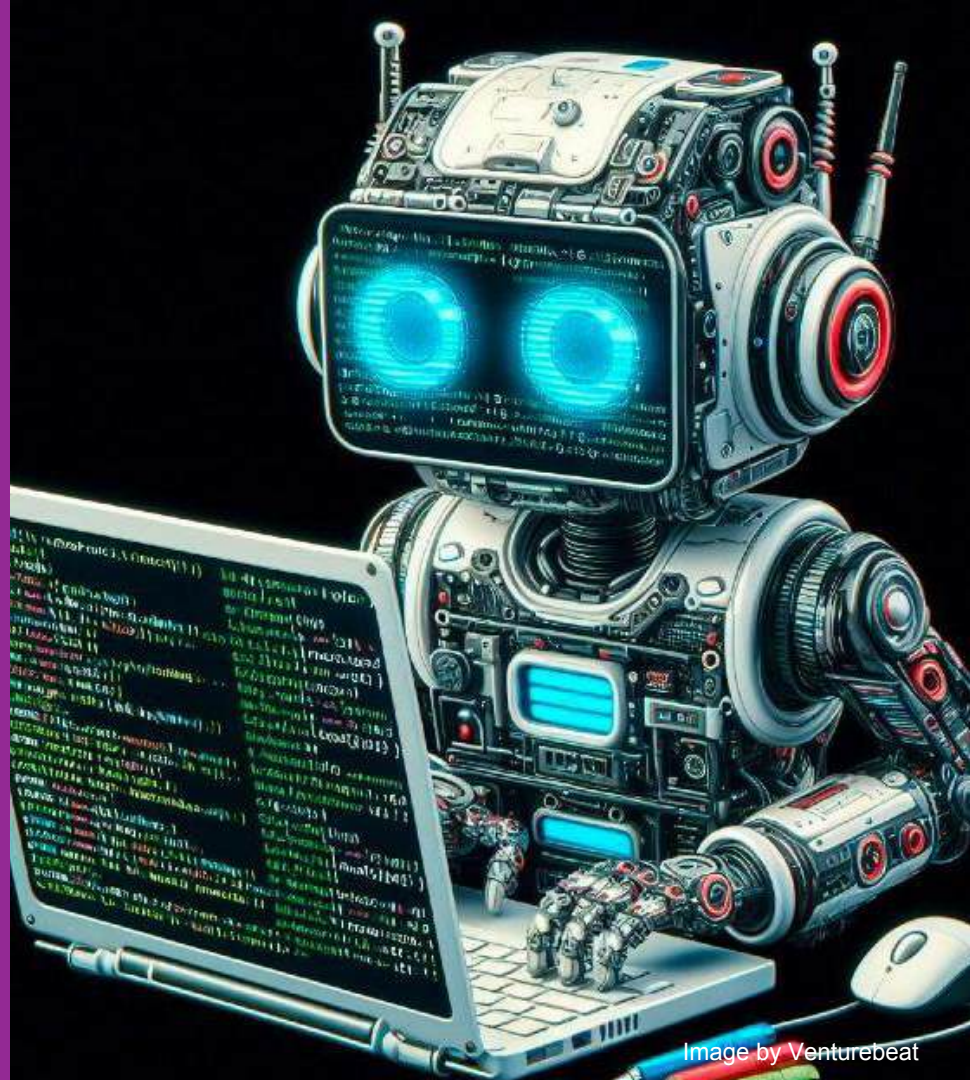


Image by Venturebeat

# 06

## Nightshade

Nightshade is a tool that lets artists subtly alter their images so companies can't use it to train AI. Humans can't see any difference, but to AI systems, the data is poisoned and can't be replicated. This gives artists a practical and active way to push back against having their work taken and reused without consent or compensation. It is free and available to use at the link below.

[Link.](#)



# 07

# Attie

Bluesky has launched Attie, an AI app that allows users to create and customise their own social media feeds - no coding required. Designed to give people more control over what they see online, this represents a shift away from passive, platform-controlled algorithm-driven experiences to personalised, programmable, and user-designed feeds.

[Article.](#)

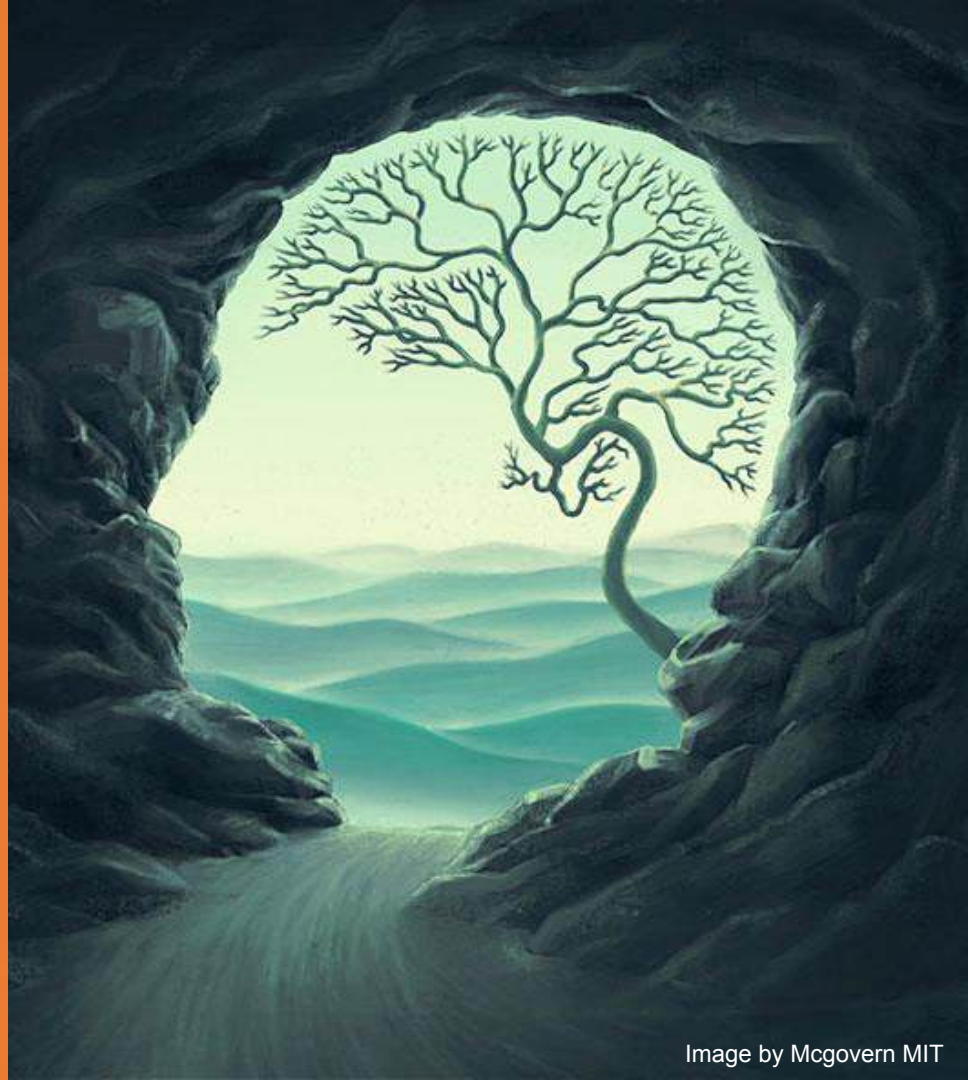


# 08

# AI Dreams

OpenClaw can now “dream,” running a nightly sub-agent that processes the work it did that day. The intention is an agent that can reflect, make hidden connections, understand a greater context, accumulate intelligence, and ultimately, know users better. AutoDream compounds the value of daily interactions to turn the agent from a tool into an evolving, continuously learning system. Available now on GitHub, link to install below.

[Link.](#)

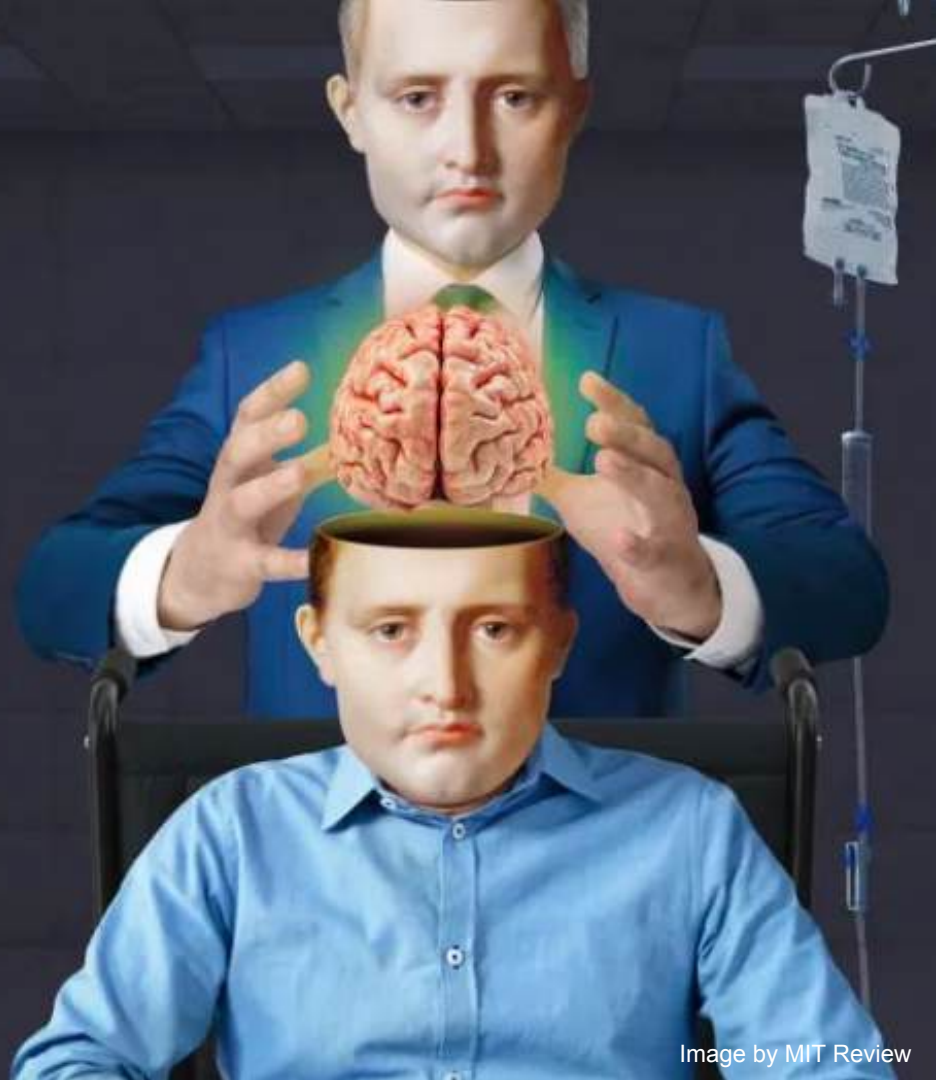


# 09

## R3 Bio

R3 Bio is a biotech startup on a mission to create non-sentient bodies, or “organ sacks,” to replace animal testing. However, MIT and WIRED are reporting that their real goal is to create brainless, backup human bodies. Proposed scenarios include harvesting your non-sentient twin’s organs for transplants or implanting the brain into the body of your younger self. It’s estimated that a proof-of-concept would cost roughly \$40 million. Despite the astounding ethical concerns and lack of scientific evidence any of this possible, they’ve recently closed a successful funding round, and it’s reported they have at least two competitors currently operating in stealth mode.

[Article.](#)

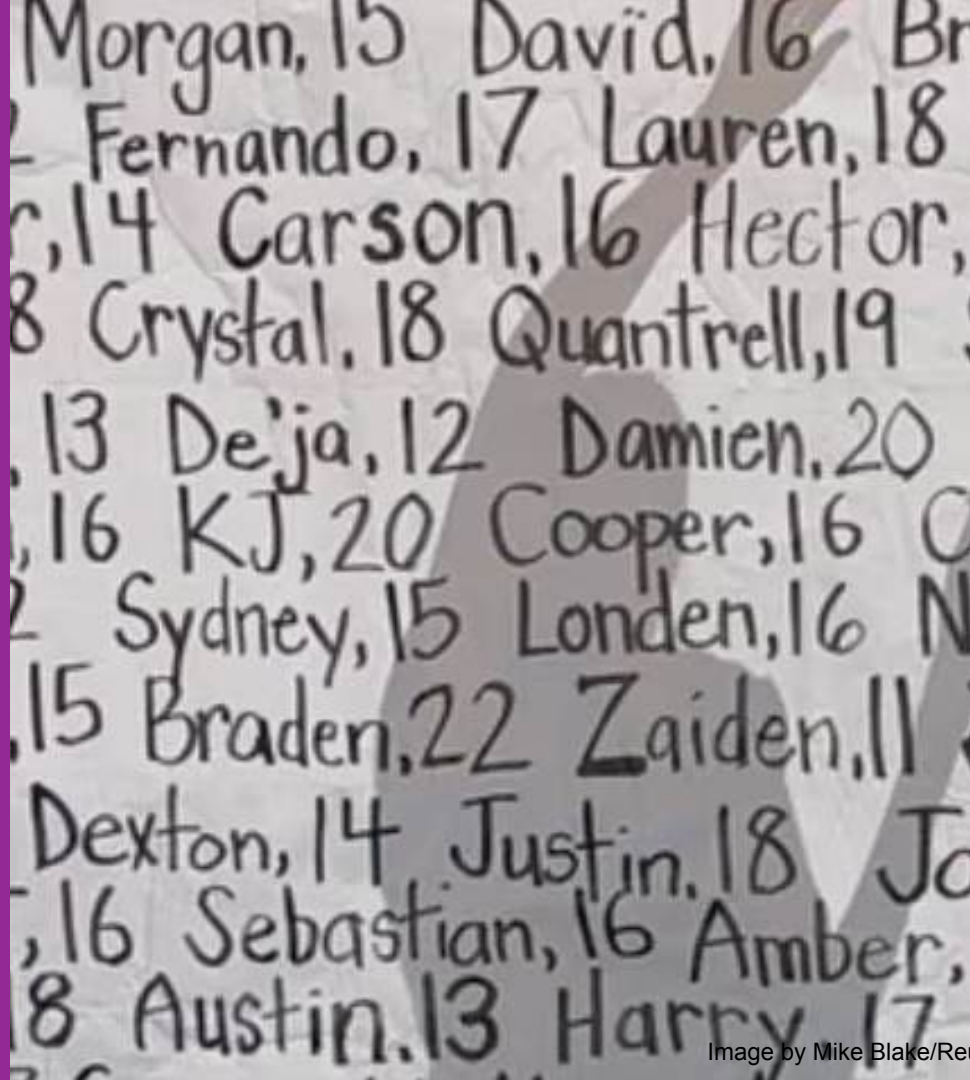


# 10

## New Era?

Journalists are reporting that the era of Big Tech's invincibility is over after it's been ruled that Meta and Google deliberately designed addictive, harmful products. This is good news for AI governance. Following the verdict, Meta and Alphabet's share prices sank as Big Tech—and its leaders—learned that they can (and will) be held accountable for designing systems that exploit human vulnerabilities. Hopefully this reminds lawmakers that we don't need to make the mistakes we made with social media again: Now is the time to establish legal guardrails around AI, especially when it comes to protecting children and mental health.

[Article.](#)



# Thank you

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