The Big Reveal

With Futurist Amelia Kallman

#61

Introduction

Welcome to Issue #61 of The Big Reveal! You can also watch it on YouTube **here**.

Really enjoyed hosting Kinly Connect in Barcelona, filming Future Focus with HP and TDSynnex, and speaking on the Future of AI and HR at CWI in Kuala Lumpur.

Looking forward to speaking on Business Transformation in the sector of construction, as well as being the opening keynote at Lifecycle 25 speaking of the Future of Retail. I'm also a judge for the XR Awards 2025!

New videos:

- The Next Customer Experience
- Retail, Data, & Supply Chain

For research, reports, or speaking engagements, I would love to hear from you!

All the best,
Amelia

01

Galbot G1

With advancements in LLM models, robotics hardware, and computing power, ‘Embodied AI’ (aka smart robots) are coming into our daily lives. China's Galbot G1 is poised to disrupt industries, including retail, pharmaceuticals, supply chain, and manufacturing. Priced competitively at $28,000 in the US (in China, $16,000), this AI-driven robot can handle critical tasks, such as restocking in supermarkets, sorting and packaging in factories, assisting with pharmaceutical logistics.

Website.

Image by Galbot

02

3D Gaming

Microsoft is developing 3D gaming experiences for its Copilot platform that will enhance gameplay and create more immersive, dynamic environments. These tools allow developers to design more responsive and interactive worlds. AI will shape gaming in real-time through adaptive storylines, evolving environments, and lifelike NPC behaviors. This initiative aligns with Microsoft's previous efforts, such as integrating Copilot into Minecraft. By embedding dynamic AI gaming features directly into web browsers, gaming could become more engaging, responsive, accessible, and personalised.

Article.

Image by Intelligence-Artificielle.com

03

CL1

Cortical Labs' CL1 is the first commercially available biological computer. It integrates lab-grown human brain cells with silicon chips to create a form of Synthetic Biological Intelligence (SBI). This system allows neurons to form dynamic neural networks capable of learning and adapting, offering potential advancements in fields like drug discovery and disease modeling. However, the technology raises ethical concerns regarding the consciousness and sensitivity of the neurons used. The CL1 is expected to be available from June 2025 at a price of approximately $35,000.

Website.

Image by Cortical Labs

04

LAM

While Large Language Models (LLMs) focus on understanding and generating text, Large Action Models (LAMs) go one step further, learning from real-world actions. Instead of just predicting what to say, LAMs predict what to do by analysing behavioral data collected from sensors, cameras, and other devices. These models break down complex tasks into smaller steps, adjusting their actions in real-time based on feedback from their surroundings. Over time, LAMs will become more personalised, handling tasks, making decisions, and acting as a smart assistant that gets things done.

Article.

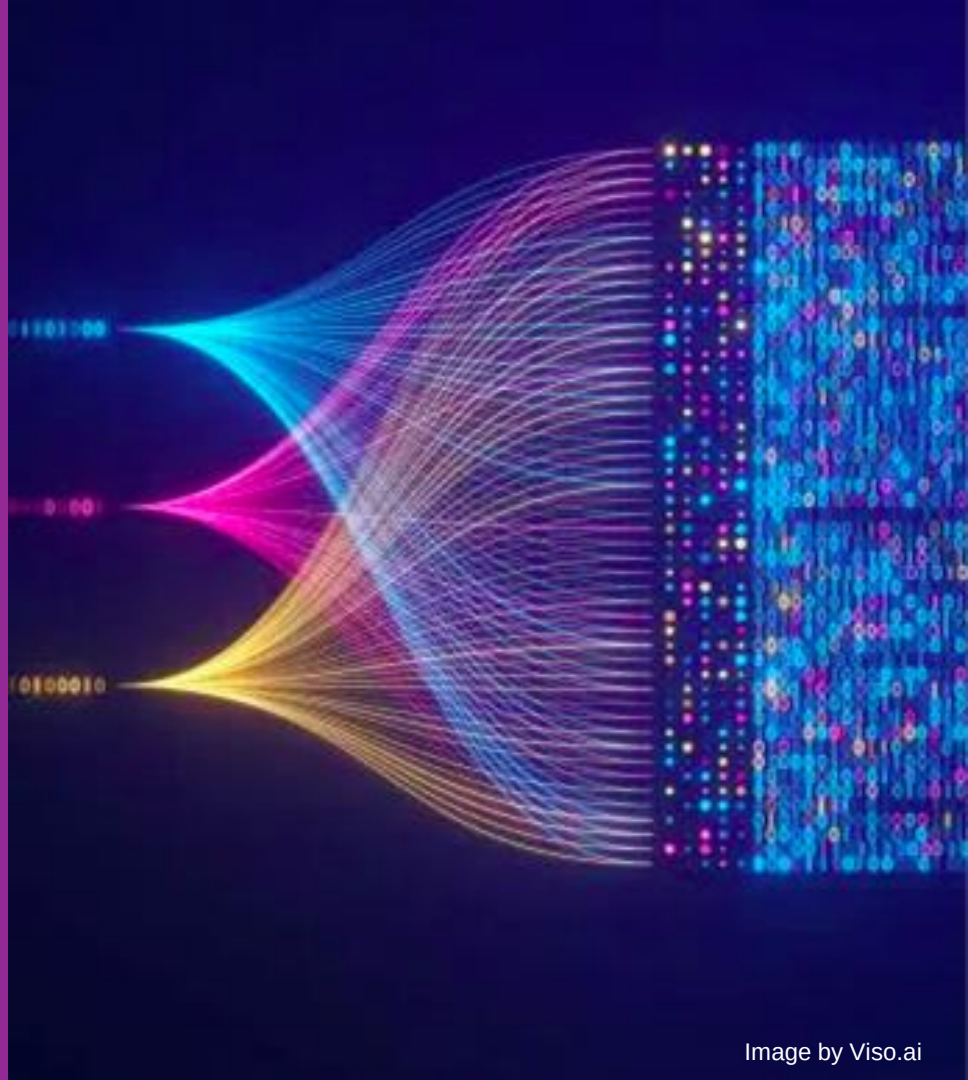

Image by Viso.ai

05

Manus AI

Manus AI, developed by China's Butterfly Effect, is an autonomous AI agent capable of performing complex tasks such as data analysis, reports, ordering groceries, and more. While its advanced capabilities have sparked discussions about its potential to approach Artificial General Intelligence (AGI) levels, the latest AGI test, ARC-AGI-2 developed by The Arc Foundation, recently found that the best AI models today barely scored 1%, indicating actual AGI may be further away than the media hype suggests.

Website.

Image by Manus

06
TrueView

GeoCue's TrueView GO handheld LiDAR scanner helps users easily capture detailed 3D data in a variety of environments. This breakthrough simplifies data collection and expands what's possible across industries such as surveying, engineering, construction, agriculture, and more. A key feature is its ability to generate real-time updates of Digital Twins - using LiDAR scanning and visual mapping technology. This lets professionals make smarter decisions with the most up-to-date spatial information, improving efficiency and precision.

Article.

Image by GeoCue

07

AI Energy

NVIDIA recently announced that their new silicon photonics networking solutions will drastically reduce AI power consumption by 350%. This cuts energy use by approximately two-thirds of previous levels, making AI infrastructure more environmentally friendly. By integrating silicon photonics directly into switches, NVIDIA can meet the growing demands of AI workloads, while enabling more scalable and sustainable AI infrastructures. These advancements also improve performance in signal integrity by 6300% and in network resiliency by 1000%, allowing for more efficient connections between millions of GPUs. Expected later this year.

Article.

Image by IT Brief

08

AI Laptops

AI is not just changing software. As it plays an ever increasing role in our lives, new hardware solutions are required as well. Anticipating the increased demands of AI on hardware, world-leading innovators HP have launched a range of laptops, desktops, and monitors that include - not just Graphics and Computational Processing units (GPUs, CPUs), but also NPUs - Neural Processing Units, built to meet current AI demands today while also future proofing devices for the increasing demands to come.

Article.

Image by MSN

09

Privacy Risks

At SXSW, Signal President, Meredith Whittaker, raised significant privacy and security risks for the future of Agentic AI. For AI Agents to perform tasks on our behalf, extensive access to our personal data, web history, credit cards, calendars, and messaging apps will be required. Also, tasks will use cloud systems, putting sensitive info at greater risk of exposure. Integrating AI agents with messaging apps could compromise privacy, she warned, and urged careful consideration of these risks before widespread adoption.

Video.

Image by SXSW

10

AI Schism

Recent research has found a concerning discrepancy between employees and C-suite executives over AI adoption as executives claim AI is tearing their companies apart. While 75% of C-suites believe their company has been successful in adopting AI, only 45% of employees agree. Fearful of being replaced by AI, 41% of employees confess to sabotaging their company's AI strategy by refusing to use AI tools and outputs, believing it to be “inaccurate, confusing and biased.” Fearful their companies are falling behind, 59% of executives say they're actively looking for new jobs with AI-driven companies.

Article.

Image by Sarah Grillo/Axios

Thank you

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