Department of Data Science
Weekly Data Science Bytes

What is Claude Mythos and what risks does it pose?

- In recent weeks, the AI world has been a-buzz following claims made by leading firm, Anthropic, regarding its new model, Claude Mythos.
- The company says it found the tool can outperform humans at some hacking and cyber-security tasks, which has prompted discussions by regulators, legislators and financial institutions about the dangers it could pose to digital services.
- Several tech giants have been given access to Mythos via an initiative called Project Glasswing, designed to strengthen resilience to Mythos itself.

Source: https://www.bbc.com/news/articles/crk1py1jgzko

China unveils its plan to dominate the future of technology and AI

- China has just unveiled a new blueprint to achieve technological and AI world dominance by 2030.
- The plan focuses on propelling China to the forefront in everything from humanoid robots and AI operating systems in the workforce, through to brain-computer interfaces and flying cars.
- The ambitious project was revealed in China's 15th Five-Year Plan, which as the name suggests, sets out the goals and priorities for the country until 2030.

Source: https://www.abc.net.au/news/2026-03-14/china-future-five-years-plan-tech-ai-dominance/106450274

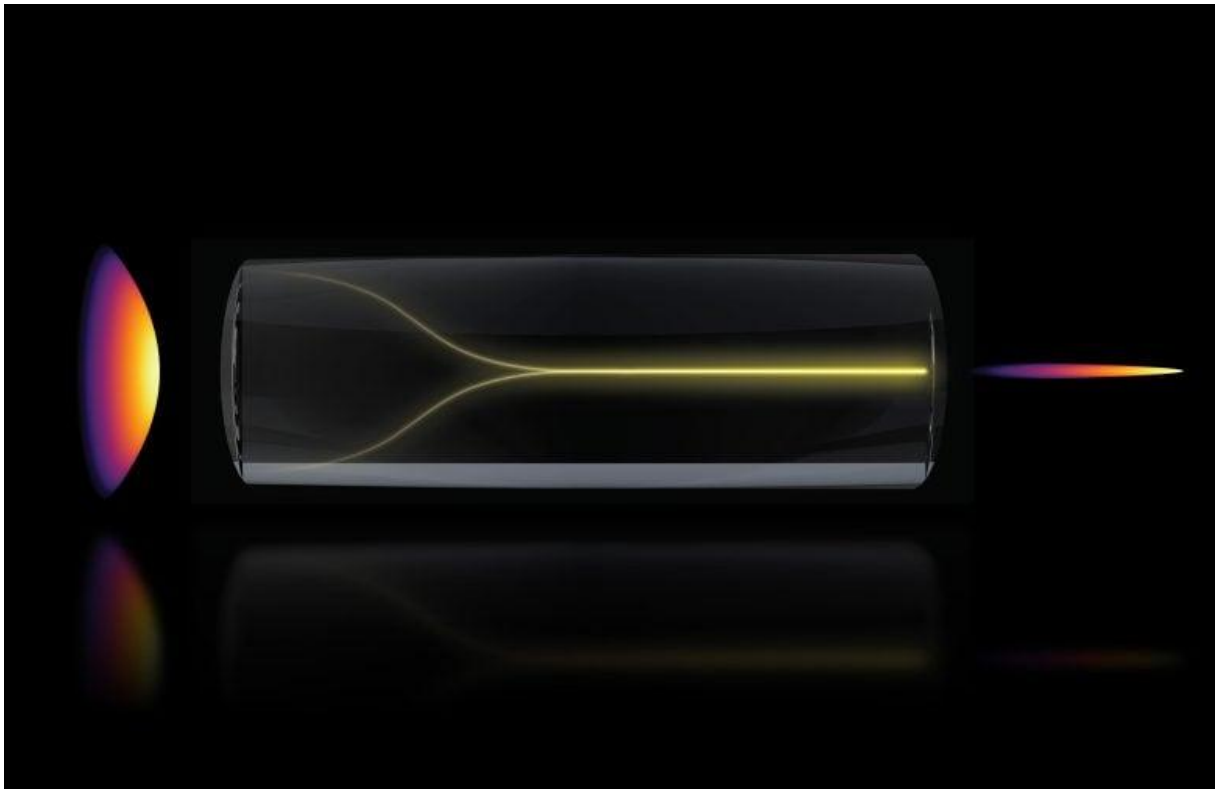
Tim Cook says the Mac Mini is getting snapped up for AI work 'faster than we predicted' — and supply is backed up

- CEO Tim Cook said on Thursday's March earnings call that the Mac Mini and Mac Studio, two of its desktop computer models, are both "amazing platforms for AI and agentic tools."

- "The customer recognition of that is happening faster than what we had predicted," Cook said. "And so we saw higher-than-expected demand."

Source: https://www.businessinsider.com/mac-mini-demand-soars-ai-ceo-tim-cook-2026-5

MIT Laser Breakthrough Lets Scientists Watch Drugs Enter the Brain in Real Time



- Researchers at MIT have identified an unexpected effect in optical physics that could lead to a new kind of bioimaging technology with both higher speed and strong resolution. Under specific conditions, a disordered beam of laser light can reorganize itself into a narrow, sharply focused "pencil beam."

- Using this effect, the team captured 3D images of the human blood-brain barrier about 25 times faster than the current gold-standard approach, while maintaining similar image quality. The method also allows scientists to observe individual cells taking in drugs in real time. This capability could help researchers determine whether treatments for neurodegenerative diseases such as Alzheimer's or ALS successfully reach the brain.

Source: https://scitechdaily.com/mit-laser-breakthrough-lets-scientists-watch-drugs-enter-the-brain-in-real-time/

Machines take charge: China to deploy 8,500 robots in $1B push to automate its power grid

- China is accelerating the use of robotics in one of its most critical systems: the national power grid. The state-owned State Grid Corporation of China has outlined plans to invest about $1 billion (roughly 6.8 billion yuan) to procure around 8,500 robots, with deployment expected to scale through 2026.
- These machines will assist with inspection and maintenance across substations and transmission networks, including in remote or hazardous environments. The move reflects a broader effort to improve efficiency, safety and reliability in electricity delivery as demand rises, while also advancing China's ambitions in industrial robotics and AI-enabled infrastructure.

Source: https://timesofindia.indiatimes.com/world/china/machines-take-charge-china-to-deploy-8500-robots-in-1b-push-to-automate-its-power-grid/articleshow/130636467.cms