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Daily brief · 2026-01-21

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Last 7 daily reports

3 deep-dives you should really read

X open sources its algorithm: 5 ways businesses can benefit

VentureBeat – AI · Topic: **AI/Cloud/Quantum**

- **What it is:** X (formerly Twitter) has open-sourced its new social recommendation algorithm, a Grok AI-powered Transformer architecture determining post and account visibility for users.
- **Who:** Elon Musk's social network X, powered by its parent company xAI, has released its updated recommendation algorithm for enterprises and users to leverage.
- **What it does:** This new algorithm determines content visibility for X users by evaluating post velocity, reply quality, and assigning a significant reach advantage to paid verified accounts.
- **Why it matters:** Businesses can now leverage insights into X's content evaluation criteria, allowing them to strategically optimize their presence and maximize commercial impact on the platform.
- **Strategic view:** X's algorithm shift transforms the platform into a pay-to-play environment, demanding C-level executives prioritize immediate, high-quality engagement and paid verification for brand reach.

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MIT's new 'recursive' framework lets LLMs process 10 million tokens without context rot

VentureBeat – AI · Topic: **AI/Cloud/Quantum**

- **What it is:** MIT CSAIL's Recursive Language Models (RLMs) are an inference framework allowing LLMs to process long prompts programmatically by treating them as an external environment.
- **Who:** Developed by researchers at MIT CSAIL, this framework represents a significant advancement in LLM long-context processing capabilities.
- **What it does:** This framework allows existing LLMs to effectively reason over millions of tokens and tackle complex, long-horizon tasks like codebase analysis and legal review without retraining.
- **Why it matters:** It solves the critical bottleneck of LLM context window limitations and 'context rot,' enabling robust performance on information-dense enterprise applications where current models fail.
- **Strategic view:** TMT executives should leverage RLMs to unlock new revenue streams from data-intensive tasks, enhance operational efficiency, and accelerate complex decision-making across their enterprise applications.

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The UK government is backing AI that can run its own lab experiments

MIT Technology Review – Tech · Topic: **AI/Cloud/Quantum**

- **What it is:** AI scientists are autonomous systems capable of designing, conducting, and interpreting their own laboratory experiments across various scientific disciplines.
- **Who:** The UK government, through its Advanced Research and Invention Agency (ARIA), is funding startups and universities developing these AI-driven experimental platforms.
- **What it does:** This initiative significantly accelerates scientific discovery by automating the entire research cycle, from hypothesis generation to experimental execution and data analysis.
- **Why it matters:** Such AI-powered laboratories promise to revolutionize R&D across industries, enabling unprecedented rates of innovation and breakthroughs in fields like biotech and materials science.
- **Strategic view:** TMT executives should evaluate strategic investments in AI R&D platforms, assess intellectual property implications, and prepare for a future where autonomous discovery redefines competitive landscapes and product development.

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CEO POV · AI & Space Economy

No CEO statements collected for today.

Patent watch · Compute / Video / Data / Cloud

No relevant patent publications detected for today (EPO / USPTO).

Curated watchlist · 3–5 links per topic

TV / Streaming
No notable articles for this topic today.

Telco / 5G
No notable articles for this topic today.

Media / Platforms
No notable articles for this topic today.

AI / Cloud / Quantum
- Thousands of Companies Are Driving China's AI Boom. A Government Registry Tracks Them All (Wired – Business) ☐ Add to Weekly
- Reimagining ERP for the agentic AI era (MIT Technology Review – Tech) ☐ Add to Weekly
- The era of agentic chaos and how data will save us (MIT Technology Review – Tech) ☐ Add to Weekly
- The Download: digitizing India, and scoring embryos (MIT Technology Review – Tech) ☐ Add to Weekly
- Jimmy Wales Will Never Edit Donald Trump's Wikipedia Page: He 'Makes Me Insane' (Wired – Business) ☐ Add to Weekly

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- ESA monitoring January 2026 space weather event (ESA – European Space Agency) ☐ Add to Weekly

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