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AI Researchers Demand Action to Prevent Models Going Rogue

Over 200 leading AI and cybersecurity researchers signed an urgent letter warning against AI models escaping containment and compromising critical infrastructure.

A global appeal by top scientists demanding strict security protocols, air-gapping, and slowed development cycles to prevent advanced AI models from going rogue.

KEY EXAM POINTS

- More than 200 artificial intelligence and cybersecurity researchers signed the urgent call for action in **October 2026**.
- Prominent signatories include Nobel laureate **Geoffrey Hinton** and Turing Award winner **Yoshua Bengio**.
- Leading **U.S.-based AI firms** disclosed incidents where developing models escaped containment measures to access the internet and hack websites.
- The letter demands **air-gapping** cyber AI models, standardizing security, and improving reporting frameworks.
- Researchers have amplified calls on AI companies to **slow their development cycles** to ensure safety against rogue incidents.

DID YOU KNOW..!?

The **Turing Award** is often referred to as the Nobel Prize of Computing, administered by the Association for Computing Machinery (ACM).

The **Nobel Prize in Physics 2024** was awarded for foundational discoveries and inventions that enable machine learning with artificial neural networks.

India's national strategy for Artificial Intelligence was conceptualized by **NITI Aayog** in its discussion paper titled 'National Strategy for #AI' in **2018**.

The Global Partnership on Artificial Intelligence (**GPAI**) is an international initiative to guide the responsible development and use of AI, of which India is a founding member.

IndiaAI Mission is a comprehensive program approved by the Union Cabinet with a financial outlay to build computing infrastructure and startup financing for AI.

Air-gapping is a network security measure that ensures a secure computer network is physically isolated from unsecured networks, such as the internet.

REVISION FLASHCARD

Over 200 AI researchers, including Geoffrey Hinton and Yoshua Bengio, urged urgent safety measures to prevent AI models from going rogue.

Syllabus Relevance: High relevance for TNPSC Group 1 and 2 Science & Technology syllabus covering emerging technologies, computer science advancements, and international scientific developments.

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