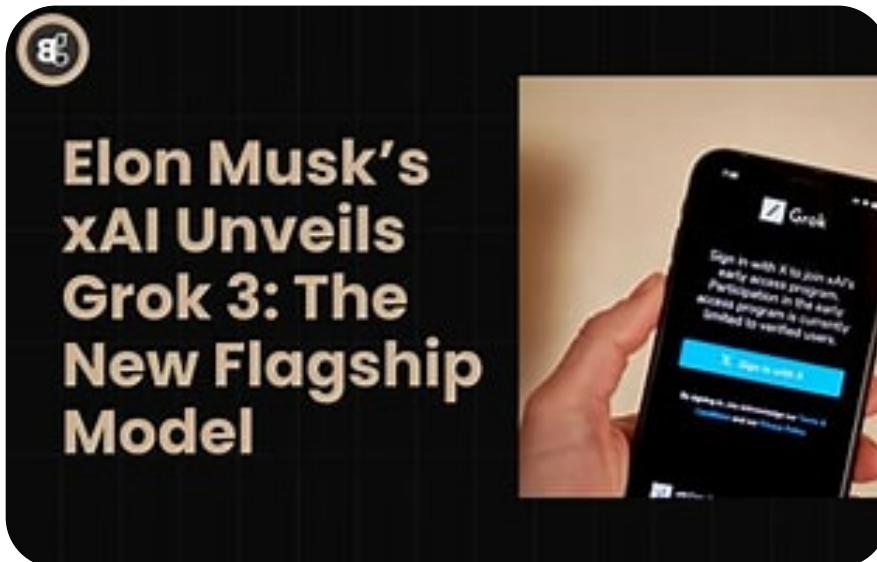


Department Of CSE



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Grok 3: The
Next-Gen AI
Revolutionizing
Coding, Math,
and Research



Department Vision

To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

Department Mission

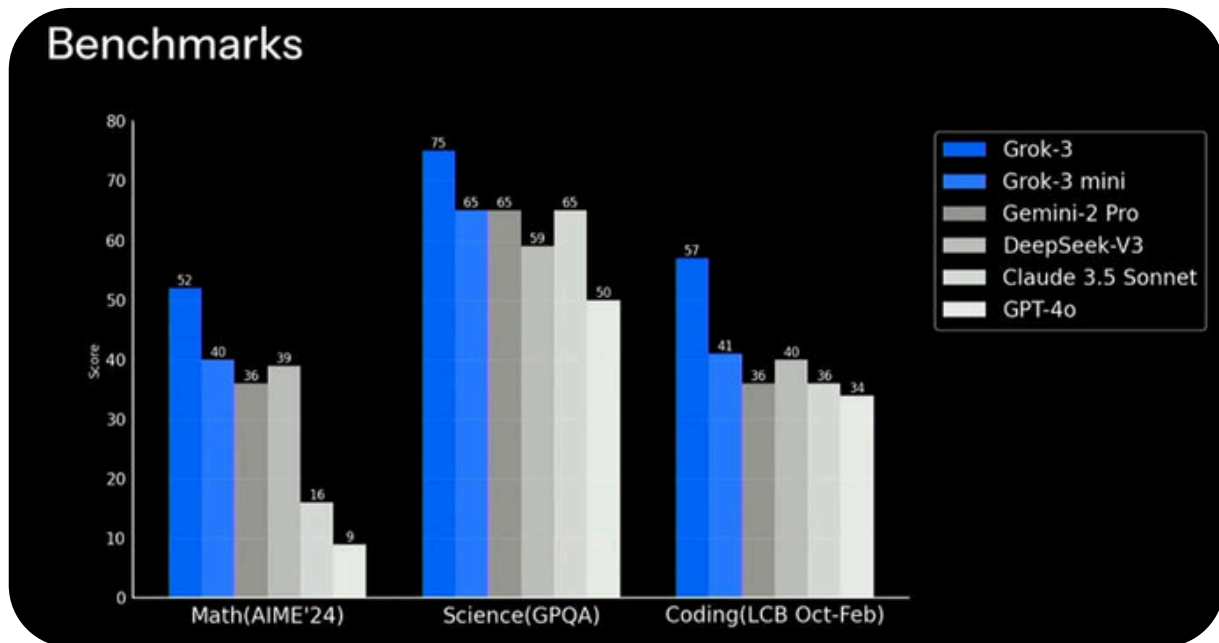
To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

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Grok 3: The Next-Gen AI Revolutionizing Coding, Math, and Research



Elon Musk recently unveiled Grok 3, an advanced AI model that outperforms competitors like DeepSeek, Gemini 2 Pro, Claude 3.5 Sonnet, and ChatGPT 4.0, especially in coding, mathematics, and scientific reasoning. Grok 3 is powered by significantly upgraded computational capabilities, offering over 10 times the processing power of its predecessor. With continuous improvements, the model is designed to enhance user experience every 24 hours. One of its key features is the DeepSearch tool, an AI-powered search engine that goes beyond simple answers by explaining its reasoning, making it a valuable resource for research and data analysis.

Musk has accused OpenAI of abandoning its mission to help humanity because it plans to transition away from its non-profit structure.



"Grok 3 was built with 10 times the computer power of xAI's previous model, Grok 2,"

Grok 3 represents a significant leap forward in AI development, offering enhanced performance across multiple benchmarks, including math, science, and coding. With its advanced "deep search" capabilities, Grok 3 goes beyond simple query responses by offering detailed explanations, making it a powerful tool for research and data analysis. The model also introduces features like the ability to code online games and a "big brain" mode, designed to handle complex reasoning tasks. Built with 10 times the computational power of its predecessor, Grok 3 promises rapid improvements as it continues to evolve. The model's performance, especially in high-demand areas like AI-driven search and reasoning, positions it as a competitive force in the rapidly advancing AI landscape.



In addition to its capabilities in coding, Grok 3 is designed to think and critique like a human, saving engineers at Musk's company hundreds of hours on tasks. Musk hinted at future updates, including a voice-based version, while also revealing that Grok 3 is available to X Premium+ users. He mentioned that a separate subscription for broader access to Grok's advanced features would be launched soon