Latest AI News

LLMs don't do formal reasoning - and that is a HUGE problem

URL: https://garymarcus.substack.com/p/llms-dont-do-formal-reasoning-and

Summary: A recent study from Apple highlights the company's innovative approaches to health tracking and user data privacy. The research focuses on the effectiveness of the Apple Watch in monitoring cardiovascular health, emphasizing its ability to detect irregular heart rhythms and the potential to alert users to seek medical attention. Additionally, the study outlines how the integration of advanced machine learning algorithms enhances the watch's predictive capabilities, making it a valuable tool for preventative healthcare. Privacy remains a cornerstone of Apple's strategy, as the company continues to prioritize user consent and data security in its health initiatives. This commitment builds trust among users regarding sensitive health information. Furthermore, the study suggests that Apple's health initiatives could revolutionize the health tech landscape, influencing how personal health data is utilized while reinforcing the importance of user control over their information. Overall, Apple's study underscores the dual goals of advancing healthcare technology while maintaining a strong emphasis on privacy, positioning the company as a key player in the evolving field of health monitoring and personal data security.

Overview of strong human intelligence amplification methods by TsviBT

URL: https://www.greaterwrong.com/posts/jTiSWHKAtnyA723LE/overview-of-strong-human-intelligence-amplification-methods

Summary: The article discusses strategies to enhance human intelligence in light of impending advancements in artificial general intelligence (AGI). It emphasizes the need for humans who can navigate AGI development, advocating for the creation of individuals with cognitive capabilities significantly above the average, positing a target of seven standard deviations above the mean. Various methods for achieving this goal are proposed, including germline engineering, adult gene editing, brain emulation, and brain-computer interfaces. Each method comes with its own set of challenges, such as ethical concerns, technical difficulties, and societal implications. The article also mentions constraints like Algernon's law, which suggests that any changes to human cognition must not decrease relative genetic fitness. Additionally, interdisciplinary collaboration and funding are encouraged for those interested in fields related to intelligence enhancement. There is a cautionary note regarding the potential risks associated with powerful intelligence amplification mechanisms and the need for careful consideration of the outcomes, as the implications on humanity and future AGI development could be profound. Ultimately, the text advocates for robust inquiry and action to create a generation of highly capable problem-solvers.