



THE COMPASS

A Research Integrity Bulletin by NTU RIEO

Can AI be an Inventor?

The UK Supreme Court recently (Dec 2023) upheld previous decisions to reject AI as an inventor in patent applications, emphasizing that only a "person" can hold such status. This is similar to NTU's position on the use of Generative AI in research, including authorship guidelines, which was published in July 2023.

Dr. Thaler, who created the AI called "Dabus", expressed disappointment, claiming "Dabus" possessed intelligence. The ruling implies that only humans can be recognized as inventors, prompting concerns about patent rights, ownership, and responsibility in AI-driven innovations. While the decision was welcomed by the IPO, discussions about potential law changes regarding AI's role in innovation persist.



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Is AI Leading to a Reproducibility Crisis in Science?

AI's integration in research raises concerns about increased unreliable and useless research being produced that are irreproducible. Flawed methods and biased data worry scientists, especially in fields like biomedicine. Efforts to address these involve checklists, open data sharing, and teamwork across disciplines. Achieving full reliability is tough and needs changes in the way research is reported. Some hope these issues fade as AI evolves, while others stress strict rules, especially in healthcare research. To delve deeper into these challenges, read more in the article.



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Differing Opinions on Plagiarism Causes Much Controversy

The former President of Harvard University, Claudine Gay, who was recently faced with accusations of plagiarism in four papers, including her doctoral dissertation, was ultimately forced to resign as president of the university. Despite some scholars disputing the severity of the allegations, others see them as clear and egregious instances of plagiarism, leading to much controversy and attention globally. To delve deeper into the differing opinions on Claudine Gay's plagiarism accusation, read more in the article.

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