

Review of: "The Future of Education and Human Development in The Era of Generative Pre-Trained Transformer (GPT) Models"

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Potential competing interests: No potential competing interests to declare.

The paper under review provides a comprehensive analysis of the applications, benefits, and drawbacks of Generative Pre-trained Transformers (GPT). While the overall quality of the paper is commendable, this review suggests incorporating an introductory section elucidating the underlying mechanics of GPT to enhance reader understanding.

Overview of GPT: To facilitate comprehension, an introductory overview of how GPT functions would be beneficial. This could include an explanation of pre-training and fine-tuning processes, as well as the significance of attention mechanisms. This addition would aid readers in grasping the fundamental workings of GPT, setting the stage for the subsequent discussions.

Debate on Benefits: The paper's exploration of the benefits of GPT could be strengthened by providing concrete examples based on statistical data. Demonstrating how GPT is being widely utilized across various domains would add weight to the argument. The authors might consider offering specific instances where GPT has been instrumental in achieving notable outcomes, substantiated by relevant data.

Furthermore, a section dedicated to showcasing how GPT can be applied in popular domains would be invaluable. Providing prompts for leveraging GPT in domains such as healthcare, finance, and education, among others, would offer practical insights for readers.

Pros and Cons Comparison: For a more nuanced understanding, the authors could present examples from a few of the most popular GPT models, comparing their strengths and weaknesses. This comparative analysis would enrich the discussion on the pros and cons of GPT models, providing readers with a more holistic view of their capabilities and limitations.