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1. Title: Let's have a chat! A Conversation with ChatGPT: Technology, Applications, and Limitations
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4. Keywords: Artificial intelligence; Natural Language Processing; ChatGPT; Text Generation; Chatbots
5. Url: http://arxiv.org/abs/2302.13817v2 or Github: None
6. Summary:

- (1): This paper discusses the historical overview of chatbots and the emergence of artificial intelligence (AI) technology.
- (2): Past methods such as Eliza have showcased some success in the Turing test, but have only used certain tricks to pass the test. Chatbots are gaining research attention and have been used for a variety of applications. However, most chatbots lack personalization and user engagement. The approach of ChatGPT is well motivated as it can generate human-like sentences and write coherent essays.
- (3): The proposed methodology behind ChatGPT is a generative pre-trained transformer capable of generating human-like responses to given prompts or conversations.
- (4): ChatGPT has shown promising results in potential applications such as healthcare, education, and research. However, there are several privacy and ethical concerns as well as important limitations with the current version of ChatGPT. The performance achieved by ChatGPT supports the goals of generating human-like responses and increasing user engagement.

Conclusion:

- (1): This piece of work is significant as it discusses the emergence of artificial intelligence technology and the ChatGPT method, which generates human-like responses for chatbots. The paper highlights the potential applications of ChatGPT in healthcare, education, and research. Additionally, the privacy and ethical concerns associated with the technology are also discussed.

- (2): Innovation point: The use of ChatGPT as a generative pre-trained transformer is a novel approach to generating human-like responses for chatbots. Moreover, the potential applications of ChatGPT in healthcare, education, and research are innovative.

Performance: ChatGPT has shown promising results in generating human-like responses and increasing user engagement. However, there are limitations with the current version of ChatGPT, such as lack of personalization and inconsistent

responses.

Workload: The paper does not discuss the workload required for implementing ChatGPT in chatbots.