

Perception of ChatGPT's Effectiveness in Learning

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Abstract: *ChatGPT, an AI language model, has gained significant attention as a tool for learning across diverse fields. This research paper investigates the perception of ChatGPT's effectiveness in learning, focusing on a population survey conducted to assess its utility, limitations, and overall user satisfaction. The study draws on data from a sample population of participants, encompassing diverse demographics. Findings reveal that while ChatGPT is widely perceived as an effective learning aid, its effectiveness varies depending on the user's educational background, technological familiarity, and subject-specific needs. Key benefits highlighted include accessibility to information, real-time responses, and adaptability in explaining complex concepts. However, limitations such as occasional inaccuracies, lack of deep contextual understanding, and over-reliance by users were also noted. These findings underscore the importance of improving AI tools to address nuanced learning needs. Furthermore, the study highlights demographic variations in perceptions, with younger users exhibiting higher satisfaction levels compared to older groups. The study concludes that ChatGPT has the potential to transform modern education and self-directed learning, provided its limitations are mitigated and it continues to evolve to meet the needs of diverse learners.*

Keywords: ChatGPT, AI in education, learning effectiveness, population survey