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Impacts of Generative Artificial Intelligence Chatbots and Prompt Types on Students'Technology Acceptance

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Generative Artificial Intelligence (GAI) chatbots, including Chat GPT and Gemini, are increasingly integrated into student writing assistance. This study investigates the influence of these chatbots and different prompt types on students'technology acceptance. Data will be collected from student participants interacting with the GAI chatbots and analyzed using SPSS. Students'technology acceptance will be measured by the Technology Acceptance Scale. Participants of the four treatment groups will interact with (1) writing samples by Chat GPT, (2) correction and writing samples by Chat GPT, (3) writing samples by Gemini, and (4) correction and writing samples by Gemini. Additionally, there will be a control group receiving no treatments. Findings are expected to elucidate the effectiveness of the GAI chatbots and prompt types on students'technology acceptance, providing teachers and students alike with valuable and strategic insights into optimizing writing instruction and performance.

Online Profile

Biography

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