

**Perceptions of Sriwijaya University English Education Study
Program Students on ChatGPT's Impact on English Writing
Proficiency**

A thesis by

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**FACULTY OF TEACHER TRAINING AND EDUCATION
SRIWIJAYA UNIVERSITY**

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APPROVAL

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STUDY PROGRAM STUDENTS ON CHATGPT'S IMPACT ON ENGLISH
WRITING PROFICIENCY**

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Certify that thesis entitled "Perceptions of Sriwijaya University English Education Study Program Students on ChatGPT's Impact on English Writing Proficiency" is my own work and did not have any plagiarism or inappropriate quotation against the ethics and rules commended by the Ministry of Education of Republic Indonesia Number 17, 2010 regarding plagiarism in higher education. Therefore, I deserve to face court if I am found to have plagiarized this work.

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DEDICATION

This thesis is dedicated to my father, Ismaili (may he rest in peace), whose love and values continue to inspire me, and to my beloved mother, Komala Dewi, whose unwavering support and prayers have been my greatest source of strength.

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Perceptions of Sriwijaya University English Education Study Program Students on ChatGPT's Impact on English Writing Proficiency

ABSTRACT

This study examines the perceptions of students in the English Education Study Program at Sriwijaya University regarding the impact of ChatGPT on their English writing skills. The research was conducted using a qualitative descriptive approach, with questionnaires and interviews to collect data from sixth-semester students who had taken an essay writing course. The results show that the majority of respondents experienced significant improvement in various aspects of their writing skills, such as grammar, vocabulary, writing structure, and mechanics (punctuation and spelling) after using ChatGPT. Additionally, ChatGPT helped in developing more substantive and well-structured essay content, improving the ability to formulate thesis statements and topic sentences, and expanding their vocabulary. Although some participants reported challenges, such as difficulty understanding the suggestions provided and the risk of becoming dependent on the tool, overall, ChatGPT was considered an effective tool in supporting the writing learning process. This study confirms that ChatGPT has the potential to provide a significant positive impact on students' English writing skills and is recognized as a valuable resource for enhancing academic writing proficiency.


Keywords: *ChatGPT, English Education, academic writing, impact*

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CHAPTER 1

INTRODUCTION

The chapter presents: (1) The Background of the Study, (2) The Problem of the Study, (3) The Objective of the Study, and (4) The Significance of the Study.

1.1 The Background of the Study

English is widely recognized as a global language, serving as a crucial medium of communication in various fields such as science, technology, business, education, travel, and tourism (Rao, 2019). As the lingua franca of the modern world, proficiency in English is crucial for effective cross-cultural communication and accessing opportunities in various fields (Putra et al., 2023). Mastering English requires the development of four essential skills: listening, speaking, reading, and writing (Ali, 2022). These skills are connected and work together to improve overall language proficiency. However, writing is often thought to be the hardest of the four skills. This is because it requires correct grammar, clear organization, and expressive clarity (Nadeak et al., 2021).

Writing is regarded as the most difficult of the four English skills due to several factors. Unlike listening and speaking, which involve real-time interaction and immediate feedback, writing involves the careful organization of thoughts and ideas into coherent written text. A writer must use good grammar and adequate vocabulary to create enjoyable writing, which not only makes the process more satisfying for the writer who can express their ideas grammatically and effectively, but also for the readers who can easily comprehend it (Jayanti, 2019). The writing process involves various stages, such as prewriting, drafting, revising, editing, and publishing (Tompkins & Hoskisson, 2005, as cited in Fitria & Monita, 2022). Each stage presents its own set of challenges, from generating ideas and structuring them logically to refining language and ensuring coherence. Additionally, Liem (2018) stated that the capability to create well-organized

arguments with convincing supporting evidence is vital for academic success. These complexities contribute to the perception of writing as the most demanding skill to master.

In recent years, AI has become crucial tools for enhancing students' writing abilities (Zulfa et al., 2023). Advances in technology have led to the development of various tools and applications designed to support learners in improving their writing skills. For example, word processors with built-in grammar and spell check features help in spotting and fixing mistakes, whereas style checkers provide recommendations for improving readability and coherence (Kaushik et al., 2020). Online resources, such as writing tutors, comprehensive websites, self-paced online courses, language exchange platforms, online tutors, language communities, and educational apps providing various means to improve language skills (Huda et al., 2023), The integration of technology into language learning offers new possibilities for enhancing the writing process, making it more efficient and accessible.

One notable technological advancement in the field of writing assistance is ChatGPT. Created by OpenAI, ChatGPT is a cutting-edge language model that has proven to be very proficient in natural language processing (NLP) activities including text production, sentiment analysis, and text categorization (Balasubramanian, 2023). It has the potential to produce a more individualized and dynamic learning environment when used in the context of English language instruction. These AI tools can engage in meaningful conversations with users, providing assistance with various aspects of writing, including grammar checking, paraphrasing, plagiarism detection, content generation, and offering suggestions to enhance the clarity and coherence of students' writing (Marzuki et al., 2023). By interacting with ChatGPT, students are expected can improve their proficiency in writing, practice language structures, and get rapid feedback in a friendly and engaging environment (Zhang et al., 2024).

ChatGPT can effectively address the challenges associated with writing by providing personalized support and instant feedback. Learners can benefit from

advice and tips to refine their writing style, improve grammar, and strengthen sentence structure (Song & Song, 2023). ChatGPT's interactive features enable learners to participate actively in the writing process, receiving immediate feedback and refining their skills in real-time (Song & Song, 2023). By utilizing ChatGPT's features, learners can obtain continuous guidance and support throughout their writing journey, helping them overcome difficulties and enhance their proficiency. The tool's easy accessibility and prompt responsiveness make it an invaluable resource for learners at all levels, providing a supportive and constructive approach to improving writing skills.

Several relevant studies on the impact of ChatGPT on writing skills have been conducted by researchers. The first study, by Mahapatra (2024), entitled "Impact of ChatGPT on ESL students' academic writing skills: a mixed methods intervention study," used a mixed methods approach and aimed to understand the impact of ChatGPT on ESL students' academic writing skills. The second study, by Zhang et al. (2024), entitled "The Impact of ChatGPT on Students' Writing Proficiency in Second Language Acquisition: Students' Perception and Experiences: A Qualitative Analysis," used a qualitative method and aimed to explore students' perceptions and experiences with ChatGPT in second language acquisition. The third study, by Pratama and Hastuti (2024), titled "The Use of Artificial Intelligence to Improve EFL Students' Writing Skill," used a mixed methods approach and aimed to investigate how AI, specifically ChatGPT, can improve EFL students' writing skills. The last study, by Wahyuddin et al. (2023), entitled "Implementation of ChatGPT on English Class Essay Writing Skills in University Students," used a quantitative descriptive method and aimed to examine the implementation of ChatGPT in enhancing essay writing skills among university students. The distinctive feature that sets this study apart from previous research is its specific focus on sixth-semester English education students at Sriwijaya University who have already completed the essay writing course. This indicates that the participants are expected to have mastered various aspects of writing skills. Unlike other studies that may focus on general or beginner-level

students, this study aims to assess the impact of ChatGPT on students with foundational proficiency in writing. By utilizing a qualitative approach with interviews and questionnaires, this research seeks to understand how ChatGPT influences these advanced students' writing skills, exploring both the enhancements and challenges they may experience. This focus gives a better understanding of how ChatGPT impacts students who are already skilled in writing.

This study aims to investigate the impact of ChatGPT on enhancing English writing proficiency among students of the English Education program at Sriwijaya University. It seeks to analyze the effectiveness of ChatGPT in improving vocabulary usage, enhancing grammatical accuracy, fostering coherent writing structures, and overall development of writing skills within an educational context.

1.2 Problems of the Study

Based on the background above, the problem of this study is:

1. What is the impact of ChatGPT on English writing proficiency of English education students at Sriwijaya University?

1.3 The Objective of the Study

Based on the problem above, the objective of this study is to find out:

1. The impact of ChatGPT on English writing proficiency of English education students at Sriwijaya University

1.4 The Significance of the Study

The results of this study are expected to provide understanding regarding how ChatGPT impacts the English writing proficiency of English Education students at Sriwijaya University. The aim is to offer valuable findings that can benefit teachers, students, and other researchers interested in exploring the impact of ChatGPT on language learning and teaching methodologies.

For teachers, this study offers valuable insights into the effectiveness of incorporating ChatGPT into English language teaching practices. It gives teachers insight into how these AI tools can improve students' writing skills, which helps shape the creation of more effective teaching methods.

For students, this study presents an opportunity to explore innovative approaches to improving English writing skills through the utilization of ChatGPT. By understanding how this technology impacts their learning experiences, students can adapt and integrate it into their language learning processes more effectively.

This study contributes to the expanding corpus of research on the use of AI technology in language instruction, which is of interest to other academics. It advances the conversation within the academic community by offering a foundation for more research into the wider effects of utilizing ChatGPT and related tools for language learning and instruction.

1.5 The Limitation of the Study

This study, being qualitative, relies on participants' perceptions, which may involve subjective biases, and may not fully represent the broader student population. The findings are limited to students from Sriwijaya University's English Education Study Program and may not be generalizable to other groups. Additionally, the study does not account for external factors such as prior experience with AI tools or varying levels of support, which could influence the results. Moreover, the interview process did not adequately follow up on specific aspects mentioned in the questionnaire, such as the improvement in grammar or vocabulary. For instance, when participants reported improvements in their writing skills, the interviews did not delve deeper into which specific areas of grammar or vocabulary had been enhanced. This limited the ability to gain a more detailed understanding of how ChatGPT impacted these specific aspects of writing proficiency. Future research should include objective measures and a mix of methods to validate and expand upon these findings.

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