

## **The Benefits of Grammarly for Reducing Errors in Student's Academic Writing**

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### **Abstract**

*This study explores the benefits of Grammarly as a tool for reducing errors in students' academic writing. Writing is one of the most challenging language skills due to the complexity of grammar, vocabulary, and idea organization. This study examines the benefits of Grammarly in improving students' writing quality through an analysis of empirical studies published between 2018–2023. The review results show that Grammarly provides real-time feedback that helps students correct grammar and spelling errors, and improves the clarity and coherence of their academic writing. In addition, Grammarly helps maintain consistency in tone and style of writing and enriches vocabulary, which contributes to improving the quality of writing. Case studies show its effectiveness in identifying mechanical errors, enhancing vocabulary, and providing feedback that complements manual correction methods. In conclusion, Grammarly greatly helps students improve the quality of their writing by reducing errors and improving the clarity and coherence of their writing.*

**Keywords:** *academic writing, error detection, Grammarly, grammar correction, writing improvement*

### **INTRODUCTION**

Writing is currently one of the most important language skills, as one can convey their thoughts, emotions, and viewpoints to others through textual communication. However, it is also the most difficult skill compared to other language skills, as writing requires extensive repetition and habituation. According to (Tarsan et al., 2021), writing is the most challenging language skill and students often lose interest in learning it due to the difficulties faced in the writing process. One of the main factors of difficulty in writing is the lack of mastery of grammar, which makes them struggle with sentence structure and the use of punctuation. In addition, lack of vocabulary and difficulty in organizing ideas also contribute to this problem.

In the writing process, students often reread their writing to ensure there are no typos, grammatical errors, or other inconsistencies. However, this process often does not go smoothly because many students have difficulty in identifying grammatical errors in their writing. The lack of a deep understanding of grammar rules makes it difficult for students to recognize where errors occur. As a result, these errors are not corrected, which ultimately affects the overall quality of the writing. Not only grammar, other problems such as errors in sentence structure and punctuation are also often overlooked. This condition shows that the ability to correct writing requires further skills that include a good understanding of the technical aspects of language. If left unchecked, these difficulties can hinder the

development of students' writing skills and reduce their confidence in producing good and standard writing (Sephia Oktaviani et al., 2022).

Making mistakes is normal in the writing process. Therefore, Analyzing students' writing errors is important because it helps teachers identify specific weaknesses in writing skills, one of which is grammar. This process allows students to learn from their mistakes, improve their writing skills, and encourage self-reflection on their work. In addition, error analysis provides constructive and specific feedback from teachers, helping students understand the mistakes they made and how to correct them (Ismawati et al., 2021).

Based on this, researchers use Grammarly software, a new program, to identify writing faults made by students. Saepuloh (2018) claims that Grammarly is a tiny program created by top linguists worldwide to help people write in English with proper grammar. With its headquarters located in the United States, it was established in 2008 by Alex Sheychenko and Max Lytvyn. Grammarly offers a method to identify the appropriate language, regardless of your native tongue. Grammarly adjusts to your needs and offers us confidence when writing in English, regardless of the quality of our work. A program called Grammarly can assist in learning English, particularly in writing. Being a writing aid, Grammarly checks and corrects users' writing for spelling and grammar. Grammarly checks for these types of spelling, grammar, and punctuation errors, as well as improving vocabulary usage (Fahmi & Rachmijati, 2021).

The most popular and extensively used English grammar checker is called Grammarly (Fitria, 2021). Grammarly is a Google Chrome extension that tests for plagiarism and identifies typos, bad syntax, and grammatical problems. Because it lets students or learners do tasks and then fix mistakes, it can be a great tool for learning rules and automatic regressive procedures. Grammarly is particularly helpful for identifying mistakes in work that users have entered. Grammarly finds and fixes grammatical errors, including misread words, unusual verb conjugations, improper noun usage, and prepositional errors. (Prasetya & Raharjo, 2023).

Many researchers have conducted research using the Grammarly software. According to the first, Grammarly is quite useful for professors performing error analysis (Vidhiasi & Haryani, 2020). The researchers then used Grammarly to categorize the many kinds of mistakes they discovered in student writing. According to the second study (Yulianti, 2018), students view using technology to learn how to create recount texts favorably. Students believe that using an online grader called Grammarly and a word processor aids them in the writing process. Third, he discovered that Grammarly may reduce errors and enhance student writing quality by utilizing the appropriate tools (Karyuatry, 2018). This study aims to identify the benefits of using Grammarly in improving students' academic writing skills. The literature was selected based on its relevance to specific features of Grammarly that contribute to improving students' academic writing skills. The articles analyzed were empirical studies published between 2018 and 2023, thus reflecting the latest developments in the use of Grammarly as a writing aid. The structure of this paper consists of several main sections. The first section includes the title, author names, abstract, and keywords. Next, the Introduction section explains the background and objectives of the study. The Methods section outlines the systematic approach in selecting and analyzing the literature. The Discussion presents the main findings related to the benefits of Grammarly in improving

academic writing skills. Finally, the Conclusion section summarizes the research findings and their implications for writing learning..

## **METHOD**

This review paper employs a systematic review methodology to assess the benefits of Grammarly, focusing on its impact on academic writing for students. The studies included were published between 2018 and 2023 and selected based on their examination of specific Grammarly features, such as grammar and punctuation detection, spelling correction, clarity and coherence improvement, tone consistency, and vocabulary enhancement. Articles were sourced from peer-reviewed journals and identified through Google Scholar using search terms like "benefits of Grammarly" and "Grammarly in academic writing." Only empirical studies that demonstrated the effectiveness of Grammarly in enhancing writing were included. Data was extracted on key study characteristics and findings, which were then qualitatively synthesized to highlight the main benefits of Grammarly. The quality of each study was evaluated to ensure the inclusion of reliable, rigorous research, providing a comprehensive overview of Grammarly's benefits for students' academic writing.

## **DISCUSSION**

A systematic review of studies has shown that Grammarly has a positive impact on the development of students' academic writing skills. The studies analyzed confirm that consistent use of Grammarly can improve the quality of writing by providing comprehensive and real-time feedback. In this section, the results obtained will be presented in detail, followed by a discussion of the implications of these findings in the context of academic writing learning. The results obtained are as follows:

### **Grammar And Punctuation Detection**

Grammarly provides real-time feedback, helping students correct subject-verb agreement, punctuation, and sentence structure. Visual indicators and contextual explanations enhance learning, though it may not always detect complex grammatical issues. Punctuation is a signal used to guide the reader through the text and makes comprehension easier. According to (Tambunan et al., 2022) "punctuations are defined as the marks or signs used in writing to separate sentences or phrases." To ensure that the reader does not misinterpret the author's writing, it is crucial to pay close attention to details like punctuation when writing articles or scientific papers. The Grammarly application is a great tool for creating articles and scientific works. (Zinkevich & Ledeneva, 2021) stated that "Grammar usage can also help students in a variety of ways. Grammarly provides additional features with significant instructional potential, and contextual awareness (vocabulary, style, and tone) serves the same purpose". Grammarly excels in providing real-time feedback on grammar and punctuation. It helps users correct issues such as subject-verb agreement, misused punctuation marks, and sentence structure problems. In line with this, (Rilih Yunita, 2020) emphasized that Grammarly's ability to highlight errors allows students to learn from their mistakes, which ultimately improves their writing skills gradually.

Furthermore, Vidhiasi & Haryani, (2020) found that in the writing of students at the Cilacap Nusantara Maritime Academy, Grammarly helped teachers identify sentences containing grammatical errors. This tool makes it easier to detect errors, such as spelling and punctuation. This statement confirms that Grammarly not only functions as a correction tool but also as a learning tool by providing visual indicators, such as a red line for grammatical or spelling errors. In addition, each error is accompanied by an explanation and suggestions for improvement, helping users understand the reasons behind the correction.

### **Spelling Correction**

According to (Nowak, 2021) "Spelling helps the reader to read words correctly and understand the correct and precise meaning of the written text". In writing, it is very important to pay attention to the writing because if there is an error in spelling, it will change the meaning of the content of the text. The benefits of using the Grammarly application are that it is straightforward to find out the spelling errors in writing, so the writer can easily fix every spelling problem using only the Grammarly application. According to the article, "Grammarly is a web tool to conduct grammar checks well, ranging from spelling words, sentence structure to standard grammar. Grammarly is free to check the rules of grammar rules, as well as correcting punctuation errors and capitalization" (Fitria, 2021). In addition to grammar and punctuation, Grammarly also offers robust spelling correction capabilities. It automatically detects misspellings and suggests appropriate corrections based on context. This feature is particularly beneficial for academic writers who need to ensure their work is polished and professional. "Studies have shown that the tool not only corrects spelling errors but also enhances overall writing clarity by suggesting better vocabulary choices" (Perdana et al., 2021).

With Grammarly is supported by research findings showing that this software significantly enhances the performance of users' writing. For example, "a study described in the article demonstrated that a student's score increased from 34 to 77 after using Grammarly" (Fitria, 2021). This improvement occurred because Grammarly provides detailed and specific corrections for various aspects of writing, such as grammar errors, spelling, punctuation, and sentence structure. " Grammarly enhances writing abilities, identifies contextual spelling and grammar errors, integrates with Microsoft Office, and uses double-clicks to display synonyms and definitions" (Rao, 2019). This statement indicates that Grammarly not only detects spelling errors but also evaluates the context of sentences to identify relevant grammatical errors.

### **Improvement In Clarity And Coherence**

In examining the benefits of Grammarly for reducing errors in students' academic writing, a critical aspect is the enhancement of writing skills, particularly in clarity and coherence. Research consistently demonstrates that the use of Grammarly as an online writing assistant significantly elevates the quality of students' essays across various educational institutions. For example, at MGIMO University, an analysis showed that the average clarity score of essays increased from 55.3 to 78.4 after students utilized Grammarly, reflecting a substantial improvement in clarity and coherence through the reduction of overly complex sentences and unclear antecedents (Zinkevich & Ledeneva, 2021). Similarly, at As-

Syafi'iyah Islamic University, 82% of students met the Minimum Completion Criteria after employing Grammarly, with their average scores rising from 79.1 to 84.6, suggesting that the tool effectively aids in structuring thoughts more clearly (Karyuatry, 2018). At Our Lady of Fatima University, a survey of senior high school students revealed that the average clarity score of their written outputs improved from 62.5 to 80.1, indicating a marked decrease in errors related to clarity, which further underscores Grammarly's role in fostering coherent writing (Santos et al., 2024).

Additionally, a study conducted at SMA Negeri 3 Bangkalan demonstrated that the mean scores of the experimental group increased from 61.67 to 75.67 after using Grammarly, signifying a statistically significant enhancement in clarity and coherence (Amelia Mery Dina, 2022). Furthermore, research by (Zinkevich & Ledeneva, 2021) highlights that Grammarly not only corrects grammatical errors but also aids students in developing a better understanding of sentence structure, thereby enhancing their overall writing quality. Collectively, these studies illustrate that Grammarly serves as a vital tool for students, effectively improving their writing skills by promoting clarity and coherence in academic contexts, thus enabling them to communicate their ideas more effectively and confidently.

### **Consistency In Tone And Style Consistency**

One of the significant benefits of using Grammarly in academic writing is its ability to ensure consistency in tone and style, which is crucial for producing polished and professional work. Grammarly serves as an effective tool that assists students in maintaining a formal tone and appropriate word choice throughout their writing. The application not only corrects grammatical and mechanical errors but also provides specific feedback on stylistic elements, helping students adhere to formal academic standards (Moore, 2018). For instance, Grammarly flags overly blunt or judgmental statements and suggests more suitable alternatives that align with the conventions of academic writing, enhancing the overall quality of the text (Zinkevich & Ledeneva, 2021). Additionally, its premium features offer advanced tone adjustments and formality-level suggestions, which are particularly beneficial for non-native speakers who may struggle with the nuances of academic communication (Javier, 2022). This capability not only fosters greater autonomy among students by enabling them to recognize inconsistencies in their writing style (O'Neill & Russell, 2019) but also encourages them to adopt a more critical approach when reviewing their drafts (Yasmin et al., 2021). Overall, Grammarly's emphasis on consistency in tone and style significantly contributes to reducing errors and enhancing the quality of students' academic writing.

### **Vocabulary Enhancement**

One of the notable advantages of Grammarly is its ability to enhance students' vocabulary, which significantly contributes to the improvement of their academic writing. Research by (Zinkevich & Ledeneva, 2021) highlights how Grammarly suggests stronger alternatives for overused words, such as replacing "important" with "essential" or "critical," and "huge" with "vast" or "significant." This feature not only helps eliminate redundancy but also encourages students to utilize more precise and contextually appropriate vocabulary, thereby making their writing more professional and effective. Additionally, students reported

improvements in word choice and overall clarity after using Grammarly, indicating that it plays a crucial role in their linguistic development (Dewi, 2023; Zhang, 2009). The software's feedback is particularly beneficial in refining descriptive writing, as evidenced by a mean score improvement from a pre-test (83.00) to a post-test (92.53), suggesting that students produced more coherent and concise writing after its implementation (Dewi, 2023; Nova, 2018). Moreover, findings indicate that Grammarly's vocabulary enhancement feature is especially advantageous for English as a Foreign Language (EFL) learners, helping them reduce word-choice errors and expand their lexical repertoire (Maypida & Damanik, 2024; Tambunan et al., 2022). Overall, Grammarly's ability to provide vocabulary-related suggestions significantly reduces errors and enhances the quality of students' academic writing.

### **Studies Highlighting Grammarly's Effectiveness**

There are numerous case studies about Grammarly's advantages in lowering student writing errors to bolster the conversation about the tool's advantages in lowering academic writing errors. "Investigating EFL students' linguistic problems using Grammarly as automated writing evaluation feedback" is the title of the first instance." (Rilih Yunita, 2020). studied 30 students from Satya Wacana Christian University's Faculty of Language and Arts. Using Grammarly as an automated writing evaluation (AWE) tool, this study attempts to explore the language issues that students encounter. The findings demonstrated the variety of language errors that Grammarly can identify in jobs like mini-research assignments, critical book reviews, and article reviews. Teachers of English as a second language (EFL) can use the findings to assist students become better writers. Additionally, by reducing linguistic errors, AWEs like Grammarly can help teachers save time and boost students' confidence when writing in a foreign language.

In the second case by (Ghufron & Rosyida, 2018), they conducted research on EFL (English as a foreign language) students, grammarly proved effective in reducing errors in the use of vocabulary, sentence structure, and writing mechanisms such as punctuation. This research shows that grammarly provides feedback that helps students improve the quality of their writing by providing context-based corrections.

And the last is a case example from (Tambunan et al., 2022), His research highlights the comparison of Grammarly with manual feedback from lecturers. As a result, Grammarly is more effective in identifying mechanical errors, such as punctuation and grammar, while lecturer feedback is better at providing suggestions related to the organization of ideas and content. The combination of these two approaches provides optimal results for improving writing skills.

### **CONCLUSION**

In conclusion, Grammarly greatly helps students improve the quality of their writing by reducing errors and improving the clarity and coherence of their writing. The benefits of Grammarly are grammar and punctuation detection, spelling correction improvement in clarity and coherence, consistency in tone and style consistency, vocabulary enhancement, and studies highlighting Grammarly's effectiveness. In addition, Grammarly offers vocabulary suggestions to improve the variety and quality of writing by replacing overused or inappropriate words. All the

benefits described are also reinforced and supported by the opinions or quotations of experts who convey the various kinds of benefits of Grammarly conveyed in an article researched and studied by the author. Nowadays, Grammarly is very useful to support academic and professional writing because it can improve clarity, consistency, and vocabulary selection in writing.

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