

A New Chapter in EFL Writing: Exploring Revolutionary Contributions of Chatgpt

Eshpo'latova Sevinch Sayfulla qizi

Faculty of English Philology and Teaching, Uzbekistan State World Languages University,
Tashkent, Uzbekistan

Abstract: This article explores the impact of ChatGPT, an AI language model, in English as a Foreign Language (EFL) writing. Employing a descriptive qualitative method, it discusses ChatGPT's role in enhancing language learning through personalized guidance, automated evaluation, and real-time feedback. The study delves into the application of ChatGPT alongside other AI tools like Grammarly and Google Translate, highlighting its capabilities in analyzing, enhancing grammar, offering feedback, and supporting various aspects of EFL writing. The results section presents the researcher's firsthand experience with ChatGPT, demonstrating its effectiveness in providing detailed feedback on grammar, lexical resources, coherence, and cohesion in written assignments.

Key points: ChatGPT, AI language model, EFL writing, automated evaluation, language learning, Grammarly.

I. INTRODUCTION

At a time when technology has become a significant part of our lives, it is difficult to imagine the modern world without them. It is impossible to develop any field, be it economy or medicine, without the help of technologies. Here, Linguistics is no exception. Among the technological tools that attract the most attention among the population today, artificial intelligence is known to be unique. Artificial intelligence (AI) is the theory and practice of creating computer systems that can perform tasks like speech recognition, decision-making, and pattern recognition that conventionally needed human intelligence. Artificial Intelligence (AI) is a general phrase covering a broad range of technologies, such as natural language processing, deep learning, and machine learning [1]. The utilization of artificial intelligence in the field of education makes learning and teaching processes uncomplicated and offers many opportunities. AI has revolutionized students' language learning process. According to Zakaria& Sulistiya Ningrum, AI technologies are able to aid in simplifying language learning through personalized and adaptive guidance, automated evaluation and real-time feedback [2]. Among the types of artificial intelligence, ChatGPT, created by OpenAI, has received praise. In recent years, the usage of ChatGPT related AI language models in EFL writing has become popular among learners. In the process of writing leaners have started using ChatGPT to improve their writing skills for creating essays, articles, and reports. ChatGPT has demonstrated impressive outcomes in supporting language learning assignments, including giving written feedback and responding to inquiries about language [3]. This article aims to determine such capabilities of ChatGPT in EFL writing.

II. METHODOLOGY

The method used in this study is descriptive qualitative. The focus of the qualitative method is on observational data collection and analysis. The researcher in this study will describe how ChatGPT is used during the writing process. One of the clear features of research, as stated by Denzin and

Lincoln, is its emphasis on meaning [4]. Second, the general quality of the study's conclusions is enhanced by the flexibility and repeatability of the research projects. Moreover, comprehensive data collecting is incorporated into these characteristics [4].

Among the often used AI tools for writing ChatGPT, Grammarly and Google Translate are well-known for their distinctive features:

- a) ChatGPT: Created by OpenAI, ChatGPT is a language model that can comprehend natural language and respond with comprehensive information based on user requests.
- b) Grammarly: One of the most well-known AI-powered applications for examining and verifying textual grammar, spelling, and vocabulary usage is Grammarly.
- c) Google Translate: This AI-powered language translation application converts text, audio, and images across different languages automatically.

ChatGPT can assist EFL learners with writing essays, tasks, and articles in a variety of fields. They will be given here:

- Text input: Students can enter their own writings for review.
- Text analysis: ChatGPT is able to analyze user-written texts and provide recommendations for improving the writing style. For example, ChatGPT may detect grammatical and phrase construction mistakes.
- Enhancements: Based on its findings, ChatGPT is able to suggest ways to make the text that has been provided better. For instance, ChatGPT can clarify phrases by rephrasing them.
- Including feedback: EFL students have the opportunity to revise their writing in accordance with ChatGPT's recommendations.
- Perfect grammar and sentence structure: ChatGPT offers guidelines for proper grammar and sentence structure, which can be useful in finding syntactic or grammar mistakes.
- Advanced vocabulary: You can search for the right term to communicate your thoughts by using ChatGPT to browse through suitable vocabulary options, including synonyms and alternatives.
- Translation: The methodology makes it simple for non-native English speakers to utilize by translating text from one language to another.
- Giving examples: EFL students can practice their writing styles with the help of ChatGPT's model responses, which serve as assistance.

III.RESULTS

There are many video tutorials on social media about utilizing ChatGPT to write codes, academic essays, complete work reports. The researcher also tried to use ChatGPT in order to observe how the experience provided by this online platform. A number of questions were given by the author and ChatGPT responded. Here the findings will be presented in detail.

In order to have an access to ChatGPT a user should open browser on his laptop or mobile phone, after which he can visit the platform site at <https://openai.com/> or <https://chat.openai.com/>.

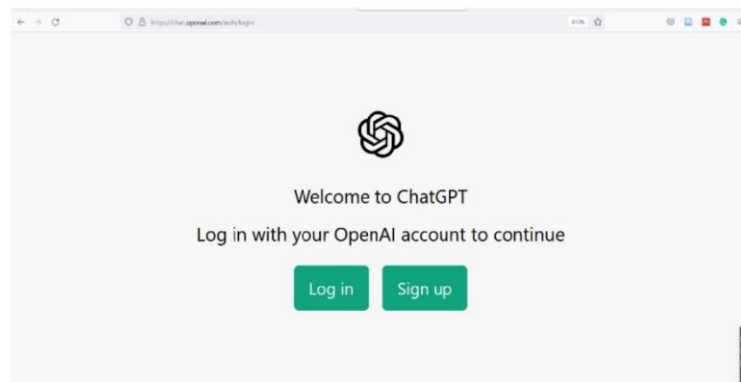


Figure 1. The view of ChatGPT

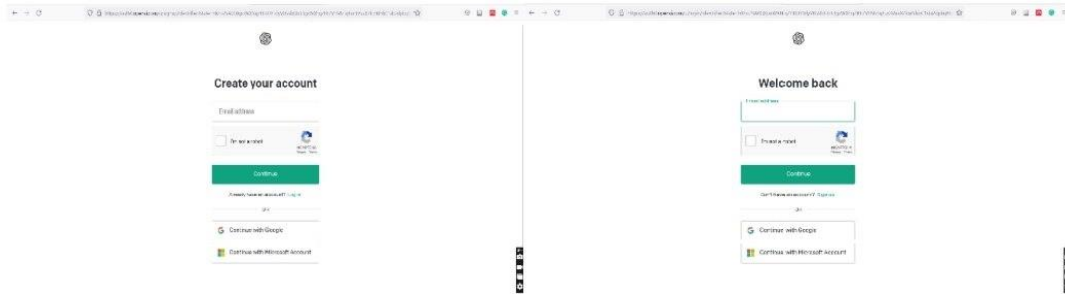


Figure 2. The view of Log in and Sign up ChatGPT account

It is possible to log in through Google or Microsoft account. If there is not an account yet, it is advised to register first. Here are the steps that each user should take into consideration:

- 1) selecting the Sign-up menu;
- 2) clicking the button of Create an OpenAI Account (two options for registration: Google account or Microsoft account);
- 3) after receiving a confirmation number, it should be entered on the registration page;
- 4) having an account, it is possible to log in and use the platform [5].

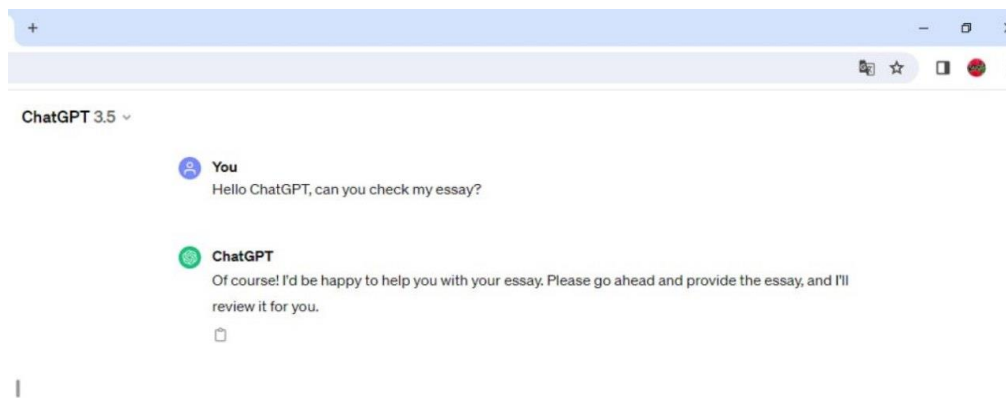


Figure 3. The first question in ChatGPT

The image above illustrates how ChatGPT responded to the researcher's query when the researcher utilized ChatGPT as a user. The user said "Hello ChatGPT, can you check my essay?", then the Chatbot replied "Of course! I'd be happy to help with your essay. Please go ahead and provide the essay, and I'll review it for you".

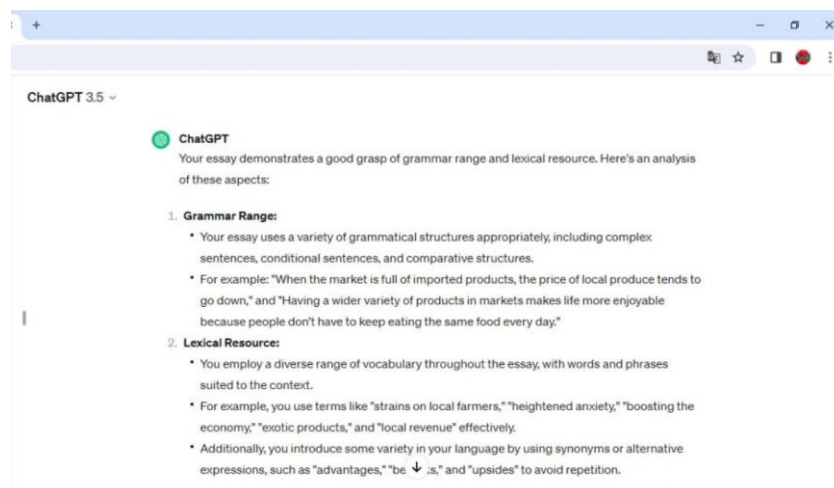


Figure 4. ChatGPT's feedback on grammar and lexical resource

The user asked a Chatbot to check her submitted essay for grammar and vocabulary. Chatbot answered “Your essay demonstrates a good grasp of grammar range and lexical resource. Here’s an analysis of these aspects:”. In terms of grammar range, ChatGPT analyzed the whole paragraphs of given essay and provided feedback with clear examples taken from the essay. As for lexical resource it responded likewise.

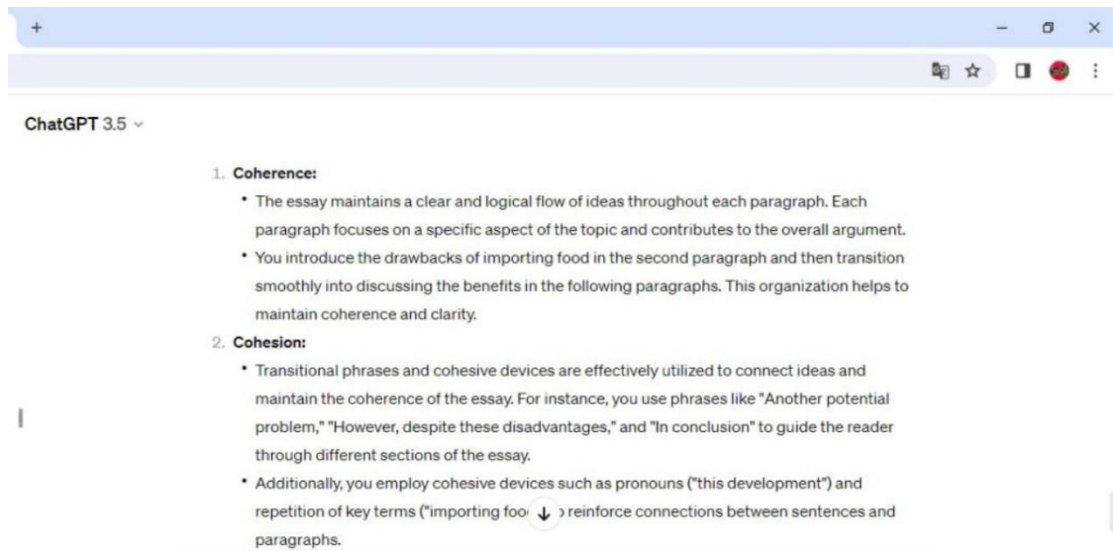


Figure 5. ChatGPT’s feedback on coherence and cohesion

The picture above describes ChatGPT’s evaluation on coherence and cohesion of the written work. It was stated that the essay showed a clear and logical flow of ideas throughout each paragraph. Effective use of cohesive devices was emphasized and a number of examples were provided.

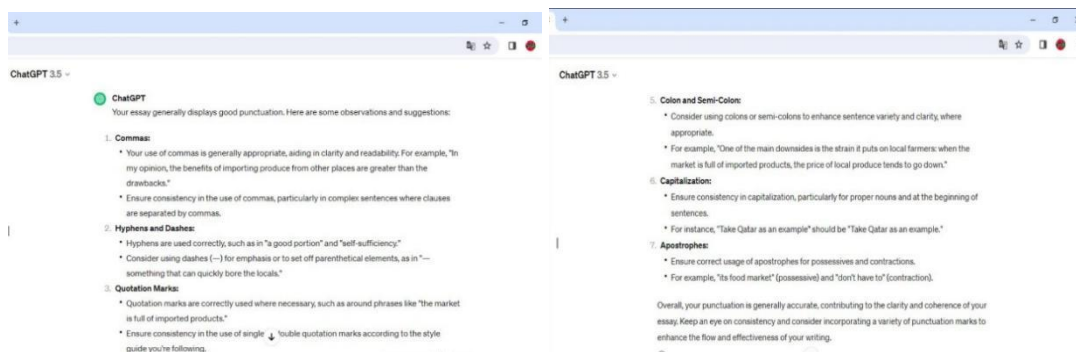


Figure 6. ChatGPT’s feedback on punctuation

Here the detailed feedback by the platform is presented. In terms of all utilized punctuation marks, ChatGPT gave clear explanation and showed examples from the given text, which facilitated understanding. The trials undergone by the researcher contained such data related to EFL writing.

IV. DISCUSSION

While AI powered tools provide great opportunities to improve writing, their existence hinders student’s creativity and independence. ChatGPT’s text processing creates an overreliance among users on these platforms. Over time, users may let AI do even the simplest of writing exercises instead of doing it themselves, which later affects the authenticity of the written works. Finding a balance between fostering student’s autonomous creativity and utilizing AI tools for growth is the difficult part. In order to avoid students from being overly dependent on these platforms and to guarantee that they maintain their writing project, it is important to carefully evaluate how to foster a healthy learning environment. To prevent such conditions, various types of AI detectors are being invented and set as a standard.

V. CONCLUSION

In conclusion, there are several advantages to incorporating AI-powered tools like ChatGPT into EFL writing, from offering suggestions for vocabulary and structural enhancements to offering feedback on grammar and coherence. But there's a chance that pupils will become overly dependent on these resources, which could impede their independence and inventiveness. It's critical to strike a balance between fostering students' independent writing abilities and using AI to aid learning. With the way that education is developing, it's critical to have policies in place that support positive learning environments and make sure students use AI tools to supplement rather than replace their own work.

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