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PEDAGOGY OF NATIONAL AND FOREIGN LANGUAGES

"ADVANTAGES AND DISADVANTAGES OF ARTIFICIAL INTELLIGENCE IN THE FOREIGN LANGUAGE (ENGLISH) TEACHING-LEARNING PROCESS"

RESEARCH PROJECT

As a prerequisite to obtain a:

BACHELOR´S DEGREE IN PEDAGOGY OF NATIONAL AND FOREIGN LANGUAGES

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ADVISOR´S APPROVAL

In my role as Advisor of the research paper under the title **"ADVANTAGES AND DISADVANTAGES OF ARTIFICIAL INTELLIGENCE IN THE FOREIGN LANGUAGE (ENGLISH) TEACHING-LEARNING PROCESS"** prepared by **JONATHAN ANDRÉS MATEO ORDÓÑEZ** undergraduate student of the Pedagogy of National and Foreign Languages Career, Faculty of Educational Science and Language at Peninsula of Santa Elena State University, I declare that after oriented, studied and reviewed the project, I approve it in its entirety, because it meets the requirements and is sufficient for its submission to the evaluation of the academic tribunal.

Sincerely,

_____

ING. XAVIER ALMEIDA BRIONES. MSc

Advisor

Statement of Authorship

I, Mateo Ordóñez Jonathan Andrés with ID number 2450515537, undergraduate student from Universidad Estatal Península de Santa Elena, School of Education Science and Languages, as a prerequisite to obtain a bachelor's degree in Pedagogy of National and Foreign Languages in my role as author of the research project "ADVANTAGES AND DISADVANTAGES OF ARTIFICIAL INTELLIGENCE IN THE FOREIGN LANGUAGE (ENGLISH) TEACHING-LEARNING PROCESS", certify that this study work is my authorship, except for the quotes, statements and reflections used in this research paper.

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Declaration

The content of the following graduation work is my responsibility; the intellectual property belongs to Universidad Estatal Península de Santa Elena.

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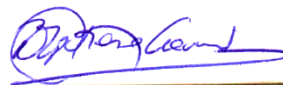
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Dedication

I dedicate this Project to my mother Mercedes; she has been a great support during my life, and my grandmother Miriam, for always being here for everything. I also dedicate this project to my sister Adriana for giving me all the support during my academic life and being an inspiration for me during this process.

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Abstract

Artificial Intelligence and the integration of its technological tools in English language education offer an improvement in the development of English language skills. However, the perspectives of teachers and students remain unanalyzed. This study aims to explore the advantages and disadvantages of integrating artificial intelligence into the foreign language (English) teaching-learning process, considering the perspectives of both teachers and students using AI tools in English teaching-learning practices. The study involved a sample of English teachers and thirteenth-grade students and used qualitative research methods such as one-to-one interviews. By analyzing the perspectives of both English teachers and students, the study results highlighted that artificial intelligence offers multiple benefits to enhance the English language teaching-learning development such as personalized learning, time-saving, and support for teachers in administrative tasks. In addition, the study also focuses on the disadvantages that AI tools include, affecting the English language teaching-learning development such as lack of teacher-student interaction and students' dependence on artificial intelligence. The results of this research will contribute to existing literature on technology in English language education and provide valuable information for educators and curriculum developers looking to take advantage of artificial intelligence to enhance the English language teaching-learning process.

KEY WORDS: Artificial Intelligence (AI), English teaching-learning process, Technology.

Resumen

La Inteligencia Artificial y la integración de sus herramientas tecnológicas en la educación del idioma inglés, ofrecen una mejora en el desarrollo de las habilidades del idioma inglés. Sin embargo, las perspectivas de docentes y estudiantes siguen sin ser analizadas. Este estudio tiene como objetivo explorar las ventajas y desventajas de integrar la inteligencia artificial en el proceso de enseñanza-aprendizaje del idioma extranjero (inglés), considerando las perspectivas tanto de docentes como estudiantes usando herramientas de IA en las prácticas de enseñanza-aprendizaje del inglés. El estudio involucró una muestra de docentes de inglés y estudiantes de treceavo grado y utilizó métodos cualitativos de investigación como la entrevista uno a uno. Al analizar las perspectivas tanto de docentes de inglés como estudiantes, los resultados del estudio resaltaron que la inteligencia artificial ofrece múltiples beneficios para mejorar el desarrollo de enseñanza-aprendizaje del idioma inglés como aprendizaje personalizado, el ahorro de tiempo, el apoyo a los docentes en tareas administrativas. Además, el estudio se enfoca también en las desventajas que las herramientas de IA incluyen, afectando el desarrollo de enseñanza-aprendizaje del idioma inglés como la falta de interacción entre docente-estudiante y la dependencia de los estudiantes con la inteligencia artificial. Los resultados de esta investigación contribuirán a la literatura existente sobre la tecnología en la educación de idiomas en inglés y proporcionarán información valiosa para los educadores y desarrolladores de planes de estudio que buscan tomar ventaja de la inteligencia artificial para mejorar el proceso de enseñanza-aprendizaje del idioma inglés.

PALABRAS CLAVE: Inteligencia Artificial (IA), Proceso de enseñanza-aprendizaje del inglés, Tecnología.

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TABLE INDEX

Introduction

Artificial intelligence has become a helpful tool in Education in recent years, especially in language education. English is one of the most spoken languages around the world, discovering new ways to support the teaching-learning process. This research aims to explore teachers' and students' perspectives about including artificial intelligence to enhance the development of the English language teaching-learning process. This research uses a qualitative methodology to gather essential insights from English teachers and students.

This research aims to explore the advantages and disadvantages of artificial intelligence in the foreign language (English) teaching-learning process. Focusing on teachers' and students' viewpoints this research can obtain valuable insights into the benefits and challenges they have faced using AI tools in their teaching-learning practices to enhance the effectiveness of their development in English language skills.

This study is focused on the advantages that AI tools can offer to enhance the English teaching-learning process such as personalized learning, saving time, word translation, and support in administrative tasks. However, this research is also focused on the disadvantages that AI technology includes that can affect this process such as lack of teacher-student interaction, students' relationship with AI technology, and specific words to obtain information.

Using AI the perspective of teaching-learning English has changed, finding new ideas to enhance the development of English skills. This study aims to give essential information to teachers and students to use AI tools properly, offering a quality English education, and preparing them for the use of AI technology in a Digital Era.

Chapter I

The problem

Research Topic

Artificial Intelligence and Foreign Language (English) Teaching-Learning Process

Title of project.

Advantages and Disadvantages of Artificial Intelligence in the Foreign Language (English) Teaching-Learning Process.

Problem Statement

There are a lot of languages spoken around the world and all countries have a national language. One of those languages is English language which has been recognized as a global language and is used by several countries as an official language. On the other hand, English is spoken by an estimated 1 billion people who use this language as an official language and as a secondary language. Over the years, the English language has had an important role in many fields such as medicine, engineering, and education. (Aziza, 2020)

In the field of education, the English teaching-learning process cannot be ignored. Nowadays, with the development of technologies, this process has been attached to the use of different technological tools such as Artificial Intelligence (AI). Artificial intelligence is a field of study that is developed in computers, machines, and other technological artifacts. According to Chen et al. (2020), AI has now become useful mainly in education, especially in educational institutions. Today AI is visualized by humanoid robots and web chatbots that perform instructor tasks and functions. However, when AI started in the field of education, it was related to computer technologies. Using chatbots, students have taken advantage of machine learning.

Education is using Artificial Intelligence to develop teaching-learning processes including English. AI is used by teachers and students in the academic process to complete different tasks or to obtain help with lesson plans. However, it is essential to keep in mind that using artificial intelligence has advantages and disadvantages that allow the development of the English teaching-learning process or obtain negative results of this process. For that reason, this research allows to acquire knowledge about the advantages and disadvantages of using artificial intelligence in the English teaching-learning process.

According to Fitria (2021), AI includes an environment for learning a foreign language such as English. Creating personalized environments that are used by students to carry out the different skills according to their level of English. On the other hand, the use of AI makes it easier for students to learn English. There are several technologies that simulate intelligence and decision making such as Chatbot, Duolingo, and Google Translate. These platforms serve as a learning tool that students and teachers can use to facilitate the process of teaching and learning the English language in a convenient way, increasing the development of students' skills when learning a foreign language and facilitating teachers to create lessons, tasks, and assignments.

This research explores the advantages and disadvantages of artificial intelligence in education, especially in the English teaching-learning process to allow teachers and students acquire knowledge about how to use properly this technology as a helpful tool in this process for the development of different English skills. On the other hand, this research allows to socialize the link between technology and education and how education can be benefited by technological tools.

Justification

This research aims to explore the advantages and disadvantages of artificial intelligence in the foreign language (English) teaching-learning process. Technological tools such as artificial intelligence have become usual and helpful tools in the development of teaching-learning languages. Artificial Intelligence is a technology that can contribute to many fields, and one of these fields is Teaching-Learning the English Language. However, AI can affect students in their learning acquisition, considering those factors.

With technological development, artificial intelligence has become in a helpful tool in education. Fitria (2021) highlights that AI has had several advantages in the educational field using tools to facilitate the teaching-learning process in the development of academic activities such as students' attendance, exams, or correcting. Some teachers present a low level of knowledge about these tools and how they can contribute to systemic work, saving time and energy. Artificial intelligence acts as a human, however, human intelligence cannot be compared with artificial intelligence because the human mind created this type of technology.

Technology is being developed day by day and it is essential to acknowledge the different benefits that technology can offer to human beings but at the same time, the negative aspects cannot be ignored especially in education and the teaching-learning process because education prepares people for the future. The proper use of Artificial intelligence serves as a tool to support teachers' and students' ideas during the academic process, and it cannot be confused with technology that offers fully completed work.

Nowadays, education has adhered to the use of technology through educative platforms which can contribute to the teaching-learning process without forgetting these platforms include

artificial intelligence such as Translator Platforms, Google Assistance, and Chatbot. According to Schmidt & Strassner (2022), in the teaching-learning English language, AI has played an important role over the years, influencing the development and result of this process.

For that reason, this research will offer available knowledge to teachers and students about the advantages and disadvantages of including artificial intelligence in the English teaching-learning process giving them ideas about how to use this technological tool properly to support the academic process that includes systemic and non-systemic works which are facilitated with AI.

Problem Question

- What are the advantages and disadvantages of integrating Artificial Intelligence (AI) into the English teaching-learning process?

Specific Questions

- What are the specific ways in which AI can enhance the English teaching-learning process?

- What are the potential drawbacks or challenges associated with the integration of AI in English education?

- How do perceptions of AI vary in English education among thirteenth course students and English teachers from the Unidad Educativa Fiscomisional Americano, and how do these perceptions influence the adoption and effectiveness of AI technologies in language learning environments?

Objectives

General Objective

- To explore the advantages and disadvantages of integrating artificial intelligence in the foreign language (English) teaching-learning process.

Specifics Objectives

- To identify the perceived advantages of using artificial intelligence tools in enhancing the effectiveness of English language learning among non-native speakers.

- To examine the challenges and limitations associated with the use of artificial intelligence technologies in foreign language instruction, particularly in relation to student engagement, interaction, and learning outcomes.

- To explore teachers' perspectives on the integration of artificial intelligence in English language education, focusing on their experiences, concerns, and recommendations for effective implementation and pedagogical practices.

Chapter II

Theoretical Framework

Background

This study is guided by established theories, concepts, and studies pertinent to the Advantages and Disadvantages of Artificial Intelligence in the Foreign Language (English) Teaching-Learning Process. The theoretical framework provides a foundational perspective for understanding the Foreign Language English Teaching-Learning Process.

International Background

According to Rios et al. (2023), Artificial intelligence is a learning machine that can bring multiple opportunities in the education field, enhancing the teaching-learning process through different programs that support teachers and students. However, using artificial intelligence also includes challenges that are essential to consider. The authors emphasize that AI has increased in recent years in education. Teachers and students are using artificial intelligence as a tool to develop the teaching-learning process and the results that the use of this technology can offer.

Arbi (2024) mentions that motivation and cognition are benefited by artificial intelligence, enriching the development of the learning process and its outcomes. In addition, the individual needs of students are met through the AI-adapted approach to learning. Due to the benefits that artificial intelligence offers in the academic field, the authors mention that teaching-learning the English language can present effectiveness for teachers and students during this process through good cooperation between artificial intelligence tools and teachers, creating a different learning way for each student according to their English language level.

According to Neenaz et al. (2024), artificial intelligence has provided different opportunities in education including English language teaching and learning. Through AI, English skills (Reading, Writing, Listening, and Speaking) can be developed using tools that this technology offers. In addition, teachers also use artificial intelligence as a guide to create lesson plans. The authors feature that AI plays an essential role in English language teaching and learning, providing different tools to enhance English skills. Additionally, systematic works can be benefited from artificial intelligence offering a guide for teachers to create teaching resources, enriching the learning result of each student.

Sharma et al. (2024) establish that AI has an essential relationship with teaching, offering approaches to enhance the learning experience through personalized learning, students can also find a variety of dynamic learning experience that AI tools include, providing development in their English skills. The authors emphasize that collaboration between teachers and artificial intelligence can transform traditional English language teaching. Moreover, equity and inclusiveness are promoted by AI as it offers opportunities to learn and mote, extending access to quality education when learning a foreign language English.

In summary, studies show that including artificial intelligence allows excellent development in the foreign language English teaching-learning process. Due to the different benefits that these technological tools can offer to teachers to enhance teaching methods, each student can present excellent results in the learning outcomes. Additionally, AI contributes to personalized learning, giving students a variety of learning approaches to develop each English skill and English level proficiency.

National Background

Sotomayor et al. (2023) mention that artificial intelligence has impacted a lot of fields and one of those fields is English as a Second Language (EST) due to the tools that this technology offers to enhance learning experiences for all grade level students. Moreover, for the proper use of this technology in the future, it is crucial that teachers acknowledge the advantages and disadvantages that AI includes. The authors mention that artificial intelligence has become an essential machine in teaching and learning English as a foreign language, including different tools that allow both teachers and students to obtain better development in the process.

According to Ayala & Alvarado (2023), artificial intelligence allows for the transformation of the interaction between teachers and the curriculum, offering to students a personalized learning experience through using technological tools that include benefits for the learning English process. Including AI in the education field such as Teaching-Learning English also includes some challenges in the development of ESL which are essential to acknowledge the proper use of artificial intelligence to enhance English skills and students' learning outcomes. The authors emphasize that artificial intelligence enhances the teaching process and the interaction with the curriculum, encouraging students in the learning process, interacting with technological tools that support and enhance English skills, and obtaining a good English teaching-learning process.

Pedagogical Basis

Personalized Learning Approach

Khan (2024) states that personalized learning is an approach that focuses on the needs of each learner, creating strategies for the development of the English learning process.

Personalized learning can include the use of technology as a tool to increase each learner's motivation to learn and learning performance benefits from deeper learning experiences. By using AI as a technological tool to support the development of the teaching and learning process, students are able to create learning strategies that are relevant to their interests, providing advantages in student performance. Through personalized instruction, and to reach the maximum potential of students, personalized learning can become a solution in adapting to individual student needs.

Collaborative Learning Approach

Alzubi et al. (2024) establishes that collaborative learning (CL) as an approach that allows more profound understanding to students by working together. CL also refers to the social interaction between two people to explore concepts and obtain a better understanding of those concepts. Additionally, Collaborative learning allows the teacher to create different techniques for students to work in groups, completing a task by supporting them and obtaining the knowledge they need through teamwork. Due to working in small groups, the CL approach benefits the performance of students' level in the English learning process. Collaborative learning is essential in the English teaching-learning process because this approach allows both teachers and students in the development of this process.

Theoretical Basis

Connectivism Theory

Siemens (2005) mentioned that "Connectivism is a learning theory for the Digital Age". Additionally, by incorporating technology into the learning process, connectivism offers a different perspective, making connections with these technologies which allow people to learn

efficiently, giving more significance than current knowledge. Nowadays, the use of technology in the learning process has taken importance in the academic field, using new and more advanced technologies such as artificial intelligence. This theory establishes that acknowledging technological tools now is essential to obtain benefits in the development of the English teaching-learning process in the future and the proper use of this technology to include these tools in the academic field efficiently.

Constructivism Theory

Givi et al. (2021) state that constructivism focuses on the discovering of learning. People learn by interacting with the social and physical environment. This theory emphasizes that through social, cultural, and physical environments, human intelligence is developed. The author mentions that in this theory people learn through experiences acquired with the socialization with different environments. Artificial Intelligence, being a physical resource for the development of teaching and learning, teachers and students can take advantage of this technological tool, and acknowledge the proper use to benefit themselves, obtaining a high level of English performance.

Legal Basis

Constitución de la República del Ecuador

Section 5 of the Constitución de la República del Ecuador (2021) establishes that:

"La educación es un derecho de las personas a lo largo de su vida y un deber ineludible e inexcusable del Estado. Constituye un área prioritaria de la política pública y de la inversión estatal, garantía de la igualdad e inclusión social y condición indispensable para el buen vivir.

Las personas, las familias y la sociedad tienen el derecho y la responsabilidad de participar en el proceso educativo". (Article 26)

"La educación se centrará en el ser humano y garantizará su desarrollo holístico, en el marco del respeto a los derechos humanos, al medio ambiente sustentable y a la democracia; será participativa, obligatoria, intercultural, democrática, incluyente y diversa, de calidad y calidez; impulsará la equidad de género, la justicia, la solidaridad y la paz; estimulará el sentido crítico, el arte y la cultura física, la iniciativa individual y comunitaria, y el desarrollo de competencias y capacidades para crear y trabajar". (Article 27)

These articles highlight that the state guarantees human rights such as education, offering quality education where inclusion and participation are fundamental. On the other hand, these articles state that the role of teachers is essential for the development of skills, including English language skills. It is essential to highlight that today, thanks to technology, teachers and students implement tools in the classroom supporting the development of English skills, improving the foreign language English teaching-learning process and development in its four skills (Listening, Speaking, Reading, and Writing).

Definitions

Definition of Artificial Intelligence

Sheikh et al. (2023) mention that artificial intelligence's definition has changed. Nevertheless, nowadays the AI definition is clearer. Artificial Intelligence is a learning machine that simulates human work. However, people cannot compare AI with human intelligence due to humans created this technology. Additionally, artificial intelligence is a technological tool that

includes a lot of benefits to human beings in systematic and non-systematic works. AI has taken a crucial role in many fields, including the education field.

Artificial Intelligence in Education

According to Moroianu et al. (2023), education has changed with the integration of AI in this field. With the relationship between teachers and artificial intelligence, the development of curriculums has presented good results in this process. Using AI, teachers can find strategies and use them as a guide to adapt in the classroom, offering better student development in their performances in English skills and their interaction with the digital world. The authors highlight that AI includes benefits to teachers and students due to the different resources that teachers can obtain with these technological tools, personalizing teaching strategies according to the student's needs.

Artificial Intelligence in the English Teaching-Learning Process.

Lazzat (2024) states that including artificial intelligence in the teaching of English as a Second Language (ESL), the perspective about learning a second language has changed. With the advanced technological tools that AI offers, the development of English skills has presented a difference in comparison to traditional methods of teaching ESL due to the motivation acquired from students by learning digitally due to artificial intelligence also offering personalized learning experiences. The author emphasizes that by using AI both teachers and students are able to present an improvement in the development of teaching-learning English skills. Additionally, is essential to acknowledge that artificial intelligence includes advantages and disadvantages in the English teaching and learning process.

Advantages and Disadvantages of AI in the English Teaching-Learning Process.

Including artificial intelligence in the English teaching-learning process can present benefits. According to Nathir et al. (2023), using advanced artificial intelligence tools such as Chatbot, Google Translate, Duolingo, Orai, teachers and students are allowed to obtain simpler work in the development of the English teaching-learning process. Thanks to the computer and mobile devices that technology offers, artificial intelligence has grown. AI can provide multiple advantages in the English teaching-learning process, including the following:

- People have free access to AI tools at any time.

- Due to it being a tool that is linked to personalized learning, artificial intelligence can study in a free environment, relying on resources that AI offers.

- Students can achieve a high level of knowledge through the teaching resources it offers, speeding up the learning process.

Nevertheless, as benefits, artificial intelligence also can present disadvantages. According to Liu (2023), there are some disadvantages that AI that are essential to acknowledge, including the following:

- One of the main disadvantages of AI is that it cannot replace the human role of the teacher. While artificial intelligence offers people a variety of resources that enable personalized learning, the role of the human teacher is essential to support the process of teaching and learning English.

- Artificial intelligence presents limits, voice recognition in students with a heavy accent is difficult for AI. In addition, students may obtain inaccurate translations by machine translation technology tools.

- Technology dependence of teachers and students. The use of artificial intelligence in excess may present a dependency on it by people, causing the development of skills to be affected, and presenting a low level of development of students and teachers when creating teaching resources.

Chapter III

Methodological Framework

Method

Qualitative Methodology

This research presents a qualitative methodology focusing on English teachers and thirteenth-grade students from Unidad Educativa Fiscomisional Americano to acknowledge their perspectives about including artificial intelligence in the English teaching-learning process.

According to Taherdoost, (2022), the qualitative method is intended to explore; therefore, it provides limited information. However, it is a useful method to study a phenomenon, discovering new ideas, generating new theories. In addition, the qualitative approach does not consider the consequences and outcomes that may occur in the future but focuses on findings of events at a specific time. Qualitative methodology aims to explore and allow to socialize people's experiences with the world. On the other hand, it is important to collect data that will help us respond to the project's purpose. Sites, participants, documents, and materials that allow the problem-solving of the study are essential steps in collecting qualitative data.

Type of Research

Phenomenological Studies

Through exploration, phenomenology aims to describe the essence of a phenomenon, taking the perspective of those who have experienced such a phenomenon. This means that phenomenology seeks to describe the meaning of experience, considering what and how it was experienced. In other words, phenomenology is focused on evidence of a phenomenon by the

exploration of people's experiences related to that phenomenon, allowing a better understanding of people's perceptions. (Neubauer et al., 2019)

The goal of this phenomenological study is to explore English teachers' and students' perceptions about including artificial intelligence in the English teaching-learning process. Applying the phenomenological approach, this study allows to acknowledge different viewpoints from teachers and students on integrating AI to enhance the development of English skills. This is focused on apprehending English teachers' point of view of using artificial intelligence in the classroom, but also students' point of view of using this technological tool to attach the learning according to their needs through interviews that allow socializing the knowledge that teachers and students possess about advantages and disadvantages that AI offer in the English teaching-learning process.

Data Collection Techniques

One-on-one Interview

Interviews are essential in qualitative research to collect data. This technique allows researchers to obtain detailed information by asking face-to-face questions about participants' experiences and offering available responses that benefit the research.

According to Knott et al. (2022), interviews are a qualitative method that consists of the interaction of two or more people to obtain specific information about the research. The interview is conducted by the researcher who asks questions to the participants, these questions are answered according to life's experiences, and the participants share their opinions or beliefs. Interviews are used in this research to obtain English teachers' and students' opinions about using

artificial intelligence in the English teaching-learning process, their interaction with these technological tools, and how this technology can enhance the development of English skills.

Instruments

Questionnaire

A series of questions is defined as a questionnaire, which is a research tool that aims to collect information by participants answers based on their experiences, beliefs, opinions, and attitudes. Questionnaires are used as an instrument to ask a set of questions to participants, offering available information, including real-life experiences about the research. Additionally, the questionnaire follows a specific design according to the findings that the research needs (Ranganathan & Caduff, 2023).

This research uses a questionnaire with a face-to-face interview, including a set of specific questions about artificial intelligence and the English teaching-learning process to gather detailed information according to teachers' and students' experiences using AI tools, acknowledging the advantages and disadvantages of including this technology in this process. These answers will allow to acknowledge the relevance that artificial intelligence has taken in the education field, specifically in the English area.

Type of Questions

Open-ended Questions

Open-ended questions can be defined as a type of research question that allows the participants to express with freedom an opinion or idea about the question that the researcher asks, using their own words, without the researcher's influence. In addition, open-ended questions enable respondents to give detailed answers, these are questions that respondents

answer freely, open-ended questions benefit the understanding of the respondent's opinions by identifying causes that cannot be recognized by other types of questions. (Reja et al., 2023)

This research aims to acknowledge the advantages and disadvantages of artificial intelligence in the English teaching-learning process, using open-ended questions, English teachers' and thirteenth-grade students' opinions will present a better comprehension of the use of these technological tools and how they can be used to benefit teachers' activities, and at the same time the result of students learning development in English skills, but also how AI tools can affect this process when people do not acknowledge the proper use of technological tools.

Population and Sample

This study is being carried out at the Unidad Educativa Fiscomisional Americano. It is situated in Santa Elena province, La Libertad. This high school offers quality education in all education areas including English, using different technological tools, and providing necessary resources to the development of students in English skills. To obtain information about the English teaching process, is essential to interact with English teachers from this institution. The population includes 6 English teachers, for this research a sample of 5 English teachers were selected to gather data information that supports the research with their perceptions of using AI in the English teaching process.

Moreover, this study also focused on the learning process, in order to obtain this information is essential to interact with students from Unidad Educativa Fiscomisional Americano to obtain information about their perspectives on using artificial intelligence tools in their learning process, and how they interact with these technological tools to enhance their development. The population comprises 225 thirteenth-grade students, a sample of 10 students

from thirteenth grade were aleatorily selected to be interviewed and through open-ended questions share their perceptions of including AI tools to enhance the learning process.

Through the selected sample, the research aims to understand the perceptions of both teachers and students from Unidad Educativa Fiscomisional Americano when using artificial intelligence tools in the English language teaching-learning process, incorporating experiences, viewpoints, and the interaction with these technological tools within and outside of the institution into the development of the target language skills.

Chapter IV

Analysis of Findings

Brief explanation of the findings

The interviewee's responses highlighted teachers' and students' perceptions of using artificial intelligence in the English teaching-learning process. Through the use of AI, teachers shared their experiences sharing the advantages and disadvantages they have found when they are using artificial intelligence tools to support administrative tasks, and how artificial intelligence has benefited the curriculum, enhancing students' performance in the classroom. Moreover, students also mentioned the pros and challenges they have faced using artificial intelligence tools to complete their homework, improve their knowledge of the English language, and learn in a personalized way.

Five experienced teachers mentioned the benefits they have found to include artificial intelligence tools in the English teaching process, highlighting the time, which is one of the main advantages for teachers. AI provides time for the moment of creating a lesson plan and applying it in the classroom, enhancing the students' performance. However, they mentioned that AI also includes challenges that are important to take in mind because these disadvantages can affect the students' performance. Additionally, students shared the main advantages and disadvantages of including artificial intelligence in their English learning process.

They highlighted that one of the main benefits of AI tools is the support that this technology can give in pronunciation. Moreover, students mentioned that artificial intelligence can provide personalized learning, create a plan of study, and support the topic that they have learned in the classroom. On the other hand, students mentioned the main disadvantages that they

have found using AI tools such as incorrect translation, out-of-date data, and words that are not according to their English level.

Interpretation of data from the interview aimed at teachers

1. Question number one was: **According to your experience, how has Artificial Intelligence impacted student engagement in learning English?** Through the interview aimed at the five English teachers from Unidad Educativa Fiscomisional Americano, it became clear that artificial intelligence has impacted student engagement a lot because they are into technology and are taking advantage of technological tools that exist nowadays. They emphasized that AI has affected in a good way but also has impacted in a bad way and it depends on the use that students give to AI tools. They highlighted that artificial intelligence has benefits in all English skills, especially in listening and speaking skills.

2. Question number two was: **Do you think AI can replace traditional teaching methods in English language education?** It is essential to note that Artificial Intelligence has impacted language education. Based on that, the interviewees mentioned that AI can replace traditional methods because it is more advanced. They emphasized that thanks to AI, they can find new ideas to teach a specific topic that using traditional methods students are not able to understand. Additionally, AI offers innovative resources that are effective in the classroom, giving students a better understanding and better results in their learning process. Others highlighted that Artificial Intelligence offers several opportunities in education, and students can take advantage of this technology, creating new ways to study a new language in a dynamic and motivational way (Kamalov et al., 2023)

3. Question three was: **How effective do you find AI tools in assessing student performance compared to traditional methods?** Most interviewees established that

Artificial Intelligence tools are effective in assessing student performance because, when comparing traditional methods using AI, each student can find a personalized way to learn and find the appropriate way to understand a specific topic because each student learns differently. In addition, they mentioned that by mixing both AI tools and traditional methods students can obtain a better language education and offer a better understanding of the topics. Ayala & Alvarado, (2023) highlighted that artificial intelligence tools offer personalized learning experiences, and this influence in the development of students enhancing their English skills.

4. Question number four was: **How do you think Artificial Intelligence can support teachers in managing administrative tasks?** Regarding AI, it is a technological tool that can support both teachers and students, it became evident that artificial intelligence has benefited teachers' experiences. They mentioned that AI tools comprise multiple benefits for teachers including saving time, creating lesson plans, grading homework, and taking attendance faster. Most of the teachers emphasized that they save time when they are grading homework, lessons, and activities, and using AI is faster than checking one by one on paper. By artificial intelligence teachers are able to grade many kinds of activities in a faster way and adapt the curriculum to obtain better results with students in their English skills. A good collaboration between teachers and artificial intelligence gives them the opportunity to enhance their teaching methods and create new ideas to apply in the classroom providing dynamic activities to students (Chetveryk & Veretiuk, 2024).

5. Question number five was: **How prepared do you feel to use AI tools effectively in your English teaching practice?** All English teachers mentioned that they are prepared to use AI tools, they possess the basic knowledge to use technology including artificial

intelligence tools, they highlighted that there are people that are more involved in technology, they can use artificial intelligence in a better way, however, they feel prepared to ask for something to AI and apply its resources in the classroom. Rebolledo & González, (2023) stated that language teachers can be prepared to use artificial intelligence tools through specific courses that support teachers to learn about all tools AI technology includes and take advantage of all these kinds of resources.

6. Question number six was: **What challenges have you faced when integrating AI into your English teaching methods?** Despite artificial intelligence having several benefits in language teaching, it also includes some challenges that teachers face when they integrate AI tools into their teaching methods. One of the main challenges that the interviewee faced was that some students use artificial intelligence without ethics and responsibility, and that affects their process when they are learning a new language. Additionally, they mentioned that to interact with AI, they must be specific to obtain clear results about what they are looking for. Ethics is one of the disadvantages of artificial intelligence in English teaching because students are involved in technology and AI tools, and if they do not use this technology in a proper way, their learning process can be affected (Zhang, 2024).

7. Question seven was: **In your opinion, how can teachers effectively integrate AI into their English teaching practices without compromising traditional teaching methods?** English teachers mentioned that they can offer a better language education to students if they include AI tools in their teaching methods. However, they highlighted that they cannot include AI in their teaching methods without compromising traditional methods because they still writing on a board, and students still using a notebook, they stated that is better to mix both in the English teaching. It is essential to note that AI tools support people's

lives, and teachers take advantage of artificial intelligence by using them as a tool to guide themselves or to find new methods in their teaching practices. For that reason, they cannot use one without compromising another artificial intelligence works together with human beings (Meng-yue et al., 2020).

8. Question eight was: **How do you think AI can affect the interaction between teachers and students in English learning environments?** Artificial intelligence possesses a lot of tools that can support students in their academic life, interviewees highlighted that AI can affect a lot the interaction between teachers and students because they are more involved in technology and AI makes students' life easy in the academic context, students find a faster way to complete their task and they get used to technology and in the classroom, there will not be that interaction with the teacher. Mei, (2024) established that AI can affect the teacher-student interaction in several ways, one of them is trust, due to students being involved a lot in technology and AI tools, nowadays, students present reliability with this technology, in the classroom the trust is one of the key relationships between teachers and students and that can be affected by AI because of the use that student give to AI at home.

Interpretation of data from the interview aimed at students

1. Question number one was: **What do you think are the main advantages of using Artificial Intelligence in learning English?** It is essential to mention that artificial intelligence possesses a lot of tools. The majority of interviewees' responses mentioned that one of the main advantages of AI in learning English is the translation because artificial intelligence gives them the translation but also the meaning of the words, and they are able to understand the context of the word. Additionally, AI benefits them by saving time when they need to complete a task. They highlighted it is easier. Others established that artificial intelligence includes advanced translators that can be helpful for English learners, offering a quick translation and easy-to-understand reading and listening to the correct pronunciation of the word, which can enhance the comprehension of English learners (Schmidt & Strasser, 2022).

2. Question number two was: **Can you describe any instances where Artificial Intelligence has enhanced your learning experience in English? What features or tools were particularly helpful?** Most of the interviewees mentioned that AI tools have been helpful in the grammar part, especially in the verb tenses. Additionally, they highlighted that artificial intelligence has also been helpful to listen to the correct pronunciation of new English words for them, they listened to the correct pronunciation and read the meaning of the word to understand. It is essential to note that artificial intelligence possesses grammar tools that allow English students understand the use of different structures in different contexts, artificial intelligence has become a helpful tool, and it can support their learning development, enhancing their English skills due to AI includes tools for each one of English skills such as Reading, Writing, Listening, and Speaking (Fitria, 2021).

3. Question number three was: **What disadvantages have you faced when using AI tools for learning English?** According to interviewees, most of the common challenges of artificial intelligence when they have been learning English is that they need to be specific when they ask for something from AI because this technology also can give them some mistakes grammatically or at the moment to translate a word AI can give them incorrect words or incorrect translate, generating misunderstanding that affect their learning development. Additionally, they mentioned that in some cases, some of their classmates have obtained the same information that they had. Kostka & Toncelli, (2023) highlighted that one of the challenges of artificial intelligence is plagiarism. Sometimes this technological tool provides the same information for different people, and that influences the development of English learners.

4. Question number four was: **What features of AI tools do you find most beneficial for improving your English language skills, and why?** Regard to artificial intelligence includes challenges, but it is essential to note that it also includes benefits for English learners. According to their experience, most of the students mentioned that AI has benefited in finding information in a faster way and accessing all the information that they have found on the internet. In addition, they highlighted that artificial intelligence offers them personalized learning, creating study plans that enhance their English development. Others stated that artificial intelligence includes several tools that are beneficial for English learners, offering them materials to create an interesting presentation and personalized ways to study a specific English topic, supporting their understanding and their learning process (Arbi, 2024).

5. Question number five was: **In your opinion, how does the use of AI in English learning compare to traditional methods? What are the key differences?** The

interviewees mentioned that one of the key differences is naturalness because artificial intelligence is a kind of robot and is not the same as interaction with a human teacher. Additionally, other students responded that artificial intelligence offers information faster and more directly than human teachers, and in some cases, it is difficult to understand them. However, they highlighted that artificial intelligence is not able to realize what exactly students need to learn. AI offers individualized learning for each student, which is something that, in some cases, human English teachers are not able to offer due to the number of students in a classroom. Nevertheless, learners need a guide from a teacher and the feedback that a human teacher can provide them (Dhanapal et al., 2024).

6. Question number six was: **What role do you think AI should play in language assessment and feedback for English learners?** The majority of interviewees highlighted that artificial intelligence should play the role of a tool in their English learning process. They mentioned their experiences using AI tools and concluded that this technology can be used to support their knowledge due to its benefits and providing extra information about what the teacher has taught during the class. Artificial intelligence is able to offer several pieces of information about different topics, but it is essential to note that this technology must be used properly with ethics and responsibility and to acknowledge that it serves as a tool to support our learning development. Shaikh et al. (2023) established artificial intelligence contributes to learning outcomes, playing the role of a usable tool for English learning, offering a better understanding and performance in their English skills.

7. Question number seven was: **How has AI helped you personally improve your English language skills?** Most of the students responded that artificial intelligence has benefited their pronunciation due to several AI tools that include audio, they can listen to the

correct pronunciation which has enhanced their listening and speaking skills. AI offers them several tools that motivate them to continue learning the English language presenting practical and faster ways to study the target language, supporting their knowledge. Artificial intelligence provides motivation to English learners by offering practical and dynamic activities that support their learning outcomes, thanks to artificial intelligence, English learners feel more motivated to understand this language due to several tools that AI presents them, making their learning process faster and more effective (Arbi, 2024)

8. Question number eight was: **Do you think AI can effectively replace human English teachers? Why or why not?** Despite all the benefits that AI possesses, the interviewee mentioned that this technology cannot replace English human teachers due to the interaction that they need with the teacher, making learning more effective. Artificial intelligence has impacted the English teaching-learning process a lot, offering opportunities for their development. Nevertheless, this technology cannot replace English teachers due to the naturalness of the teacher, their experience, and their knowledge to interact with students. De Las Heras et al. (2023) stated that AI benefited language teachers, offering ideas to create teaching methodologies that enhance students' English skills. Nevertheless, English teachers cannot be replaced by AI, taking into account that human beings created technology. Despite artificial intelligence including effective results, English learners need interaction with a human being and their knowledge.

Table 1

Teacher's perceptions toward advantages and disadvantages of artificial intelligence in the foreign language (English) teaching-learning process.

Questions	According to your experience, how has Artificial Intelligence impacted student engagement in learning English?	Do you think AI can replace traditional teaching methods in English language education?	How effective do you find AI tools in assessing student performance compared to traditional methods?	How do you think Artificial Intelligence can support teachers in managing administrative tasks?
Answers	Artificial Intelligence has had a great impact in English students due to there are involved in technology a lot.	Technology can replace traditional methods. However, teachers can offer better a better language education mixing both AI and traditional methods.	AI offers effectiveness in students' English performance due to the tools for different skills that it includes.	Artificial intelligence tools can support teachers and some administrative tasks such as grading, taking attendance, and creating lesson plans.
Authors		Artificial Intelligence offers several materials to provide dynamic and effective	Artificial Intelligence offers personalized experiences influencing in the	Teachers can generate new ideas to create a dynamic and effective lesson plan to apply in

learning to students (Kamalov et al., 2023).	performance of English students (Ayala & Alvarado, 2023).	the classroom (Chetveryk & Veretiuk, 2024).

Table 2

Teacher's perceptions toward advantages and disadvantages of artificial intelligence in the foreign language (English) teaching-learning process.

Questions	How prepared do you feel to use AI tools effectively in your English teaching practice?	What challenges have you faced when integrating AI into your English teaching methods?	In your opinion, how can teachers effectively integrate AI into their English teaching practices without compromising traditional teaching methods?	How do you think AI can affect the interaction between teachers and students in English learning environments?
Answers	Teachers considered that they are prepared to include AI tools in their teaching methods.	Teachers mentioned that one of the challenges that they have faced is that students are more involved in technology, especially AI.	Teachers considered that they cannot integrate AI in their teaching practices without traditional methods and highlighted that it is better if they mixed them.	Teachers mentioned that AI can affect badly the interaction between teachers and students because students are keen on AI more than teachers.
Authors	Teachers can be prepared to	One of the most significant	Teachers' lives are supported	The most significant factor

| include AI in their teaching practices taking private courses that support their knowledge with this technology (Rebolledo & González, 2023). | disadvantages is ethics, because students do not use AI tools properly and that can affect their learning development (Zhang, 2024). | with AI, they create new methods to apply in the classroom, for that reason they cannot use AI without compromising traditional methods (Meng-yue et al., 2020) | that affected the interaction between teachers and students by using AI is trust because they are more involved in technology, making distrust with the teacher (Mei, 2024). |

Table 3

Students' perceptions toward advantages and disadvantages of artificial intelligence in the

foreign language (English) teaching-learning process.

Questions	What do you think are the main advantages of using Artificial Intelligence in learning English?	Can you describe any instances where Artificial Intelligence has enhanced your learning experience in English? What features or tools were particularly helpful?	What disadvantages have you faced when using AI tools for learning English?	What features of AI tools do you find most beneficial for improving your English language skills, and why?
Answers	English learners mentioned that they had taken advantage of AI to translate words and learn the meaning of that word.	Students highlighted that AI has had them in grammar, especially in verb tenses, offering the correct structure.	According to students' experiences, one of the most significant disadvantages is that they need to be specific when they are going to ask AI to avoid obtaining the same information as others.	English learners highlighted thar AI provides personalized learning, offering plans to study English, and a faster way to complete tasks.

| **Authors** | Artificial Intelligence offers advanced helpful translators which students can obtain quick and easy-to-understand translation (Schmidt & Strasser, 2022). | AI includes tools that support students in grammar, enhancing the understanding in different English grammar structures (Fitria, 2021). | People can find challenges in AI and one of those challenges is plagiarism, in some cases this technological tool provides the same information for different people (Kostka & Toncelli, 2023). | Artificial intelligence offers personalized learning, supporting students learning process through creating interesting presentations and personalized plans to study (Arbi, 2024). |

Table 4

Students' perceptions toward advantages and disadvantages of artificial intelligence in the

foreign language (English) teaching-learning process.

Questions	**In your opinion, how does the use of AI in English learning compare to traditional methods? What are the key differences?**	**What role do you think AI should play in language assessment and feedback for English learners?**	**How has AI helped you personally improve your English language skills?**	**Do you think AI can effectively replace human English teachers? Why or why not?**
Answers	Students mentioned that the key difference is the naturalness of the English teacher, but also that AI can provide individualized learning.	Most of English learners highlighted that AI plays the role of a tool that support them in their English development.	AI has been helpful for students in pronunciation, thanks to AI including platforms that include audio they can obtain a better understanding.	Students highlighted that AI can never replace human English teachers because they are prepared to play this role, guiding them to provide them effective results.
Authors	AI provides personalized learning experiences. However, learners need a	Artificial intelligence contributes to the learning outcomes, playing the role	English learners have felt motivated to learn English language thanks to several tools	AI can never replace human teachers because human beings created this technological

human guide to provide them feedback (Dhanapal et al., 2024).	of a usable and effective tool (Shaikh et al., 2023).	that AI offer to learn languages faster and effectively (Arbi, 2024).	tool. Nevertheless, they can use them to support the student's English development (De Las Heras et al., 2023).

Chapter V

Conclusions and recommendations

Artificial Intelligence has played a significant role in English language education, it offers several opportunities for teachers and students in their teaching-learning development due to the tools A includes. The main objective of this study is to explore the advantages and disadvantages of using artificial intelligence in the foreign language (English) teaching-learning process. After in-depth research, it was found that Artificial Intelligence possesses several benefits that support both English teachers and students in their teaching-learning process, offering different tools for different English skills, contributing teaching methods, and enhancing students' performance. Nevertheless, through the research, it was determined that AI presents challenges that affect the teaching-learning process, presenting a lack of learning in the different English skills.

This section examines the research conclusions, providing a perspective about including artificial intelligence in the English teaching-learning process, enhancing students' English skills, and supporting teachers in their teaching practices. It examines the advantages and disadvantages of using AI in the English teaching-learning process.

Conclusions

Conclusion 1: Artificial Intelligence has benefited non-native speakers in their learning process, offering them several tools that support their development, enhancing the effectiveness of English language learning, facilitating this process through personalized learning, saving time to complete tasks, and providing tools for each English skill.

Conclusion 2: Artificial Intelligence includes advantages for the teaching-learning process. However, it is essential to note that it also includes challenges that affect students' performance. AI cannot replace the interaction between teachers and students. Additionally, due to artificial intelligence, facilitating students' learning process, they are involved in technology, obtaining a lack of interaction with the teacher, affecting their engagement in English learning.

Conclusion 3: Artificial Intelligence has impacted both teachers and students. Teachers have taken advantage of AI tools to support their teaching practices, creating lesson plans and dynamic and effective methods to apply in the classroom. However, it is essential to integrate AI in English education with ethics to enhance students' performance, create more effective methods, and offer students better results in the target language.

Recommendations

Recommendation 1: English teachers need to socialize the use of AI with students to integrate these technological tools properly, providing a guide to drive AI, and creating personalized experiences during English language learning without affecting students' performance.

Recommendation 2: Educational institutions should provide information about the benefits and challenges of artificial intelligence in the teaching-learning process, offering the respective acknowledgment for both teachers and students to apply this technology in their process in order to obtain a better-quality language education.

Recommendation 3: Educational institutions need to offer courses to teachers about how to integrate AI in their teaching practices to take advantage of technology and obtain better results in the students' English development enhancing the main English skills, offering new

teaching-learning methods and personalized feedback to support what they learn during the class.

Additionally, how to guide students to use AI tools with ethics and responsibility.

References

Alzubi, A. A. F., Nazim, M., & Ahmad, J. (2024). Exploring Teachers' Perceptions of EFL

Students' Engagement in Collaborative Learning: Implementation Issues and Suggestions.

Qubahan Academic Journal, *4*(1), 250–264. https://doi.org/10.48161/qaj.v4n1a383

Arbi, A. P. (2024). Optimizing The Use Of Artificial Intelligence In English Language Learning:

A Literature Review. *Gudang Jurnal Multidisiplin Ilmu*, *2*, 25–45.

https://doi.org/10.59435/gjmi.v2i2.278

Ayala-Pazmiño, M., & Alvarado-Lucas, K. (2023). Integrating Artificial Intelligence into English

Language Education in Ecuador: A Pathway to Improved Learning Outcomes. *593 Digital*

Publisher CEIT, *8*(3–1), 679–687. https://doi.org/10.33386/593dp.2023.3-1.1862

Aziza, N. (2020). *The Importance of English Language*. www.researchparks.org

Chen, L., Chen, P., & Lin, Z. (2020). Artificial Intelligence in Education: A Review. *IEEE*

Access, *8*, 75264–75278. https://doi.org/10.1109/ACCESS.2020.2988510

Chetveryk Victor, & Veretiuk Tetiana. (2024). THE POTENTIAL OF ARTIFICIAL

INTELLIGENCE TOOLS IN FOREIGN LANGUAGE TEACHING AND LEARNING.

Modern Challenges and Achievements of the Scientific Community of the 21st Century.

https://doi.org/10.70286/ISU-16.10.2024

Constitución de la República del Ecuador. (2021). CONSTITUCIÓN DE LA REPÚBLICA DEL

ECUADOR. In *Registro Oficial* (Vol. 449, Issue 20). www.lexis.com.ec

De Las Heras, A., Supervisor, B., & Salazar, M. G. (2023). *ARTIFICIAL INTELLIGENCE IN TEACHING A FOREIGN LANGUAGE. TOOLS AND USES*.

Dhanapal, C., Asharudeen, N., & Alfaruque, S. Y. (2024). Impact of Artificial Intelligence Versus Traditional Instruction for Language Learning: A Survey. *World Journal of English Language*, *14*(2), 182–193. https://doi.org/10.5430/wjel.v14n2p182

Fitria, T. N. (2021a). *ARTIFICIAL INTELLIGECE (AI) IN EDUCATION: USING AI TOOLS FOR TEACHING AND LEARNING PROCESS. 2*. https://www.blackboard.com/teaching-learning/learning-

Fitria, T. N. (2021b). Grammarly as AI-powered English Writing Assistant: Students' Alternative for Writing English. *Metathesis: Journal of English Language, Literature, and Teaching*, *5*(1), 65. https://doi.org/10.31002/metathesis.v5i1.3519

Fitria, T. N. (2021c). THE USE TECHNOLOGY BASED ON ARTIFICIAL INTELLIGENCE IN ENGLISH TEACHING AND LEARNING). *ELT Echo: The Journal of English Language Teaching in Foreign Language Context*, *6*(2). https://doi.org/10.24235/eltecho.v6i2.9299

George Siemens. (2005). *Connectivism: A Learning Theory for the Digital Age*. http://itdl.org

Givi Efgivia, M., Rinanda, A. R., Hidayat, A., Maulana, I., & Budiarjo, A. (2021). *Analysis of Constructivism Learning Theory*. http://repo.iain-tulungagung.ac.id

Kamalov, F., Santandreu Calonge, D., & Gurrib, I. (2023). New Era of Artificial Intelligence in Education: Towards a Sustainable Multifaceted Revolution. *Sustainability (Switzerland)*, *15*(16). https://doi.org/10.3390/su151612451

Khan, M. (2024). Impact of Personalized Learning Paths on Student Motivation and Achievement in Online High School Programs in Pakistan. *International Journal of Online and Distance Learning*, *5*(2), 52–61. https://doi.org/10.47604/ijodl.2748

Knott, E., Rao, A. H., Summers, K., & Teeger, C. (2022). Interviews in the social sciences. *Nature Reviews Methods Primers*, *2*(1). https://doi.org/10.1038/s43586-022-00150-6

Kostka, I., & Toncelli, R. (2023). Exploring Applications of ChatGPT to English Language Teaching: Opportunities, Challenges, and Recommendations. *TESL-EJ*, *27*(3). https://doi.org/10.55593/ej.27107int

Lazzat, K. (2024). THE EVOLUTION OF LANGUAGE LEARNING: EXPLORING AI'S IMPACT ON TEACHING ENGLISH AS A SECOND LANGUAGE. In *Eurasian Science Review* (Vol. 2, Issue 4).

Liu, M. (2023). Exploring the Application of Artificial Intelligence in Foreign Language Teaching: Challenges and Future Development. *SHS Web of Conferences*, *168*, 03025. https://doi.org/10.1051/shsconf/202316803025

Mei Cao. (2024). Teacher-Student Relationships in the Context of Artificial Intelligence. *Advances in Educational Technology and Psychology*, *8*(4). https://doi.org/10.23977/aetp.2024.080412

Meng-yue, C., Dan, L., & Jun, W. (2020). A Study of College English Culture Intelligence-Aided Teaching System and Teaching Pattern. *English Language Teaching*, *13*(3), 77. https://doi.org/10.5539/elt.v13n3p77

Moroianu, N., Iacob, S.-E., & Constantin, A. (2023). Artificial Intelligence in Education: a Systematic Review. In *Geopolitical perspectives and technological challenges for sustainable growth in the 21st century* (pp. 906–921). Sciendo. https://doi.org/10.2478/9788367405546-084

Neenaz, A. E., Dr, I., Crompton, H., & Crichton, R. (2024). *Artificial intelligence and English language teaching: Preparing for the future*. https://doi.org/10.57884/78ea-3c69

Neubauer, B. E., Witkop, C. T., & Varpio, L. (2019). How phenomenology can help us learn from the experiences of others. *Perspectives on Medical Education*, *8*(2), 90–97. https://doi.org/10.1007/s40037-019-0509-2

Ranganathan, P., & Caduff, C. (2023). Designing and validating a research questionnaire - Part 1. *Perspectives in Clinical Research*, *14*(3), 152–155. https://doi.org/10.4103/picr.picr_140_23

Rebolledo Font de la Vall, R., & González Araya, F. (2023). Exploring the Benefits and Challenges of AI-Language Learning Tools. *International Journal of Social Sciences and Humanities Invention*, *10*(01), 7569–7576. https://doi.org/10.18535/ijsshi/v10i01.02

Reja, U., Manfreda, K. L., Hlebec, V., & Vehovar, V. (2023). *Open-ended vs. Close-ended Questions in Web Questionnaires*.

Schmidt, T., & Strasser, T. (2022). Artificial Intelligence in Foreign Language Learning and Teaching: A CALL for Intelligent Practice. In *Anglistik: International Journal of English Studies* (Vol. 33, Issue 1). www.tcpdf.org

Schmidt, T., & Strassner, T. (2022). Artificial Intelligence in Foreign Language Learning and Teaching. *Anglistik*, *33*(1), 165–184. https://doi.org/10.33675/angl/2022/1/14

Shaikh, S., Yayilgan, S. Y., Klimova, B., & Pikhart, M. (2023). Assessing the Usability of ChatGPT for Formal English Language Learning. *European Journal of Investigation in Health, Psychology and Education*, *13*(9), 1937–1960. https://doi.org/10.3390/ejihpe13090140

Sharma, S., Mohan Rao Krishnamaraju, J., & Divakaran, P. (2024). *Impact of Artificial Intelligence in English Language Teaching*. *21*(S4), 1606–1612. www.migrationletters.com

Sheikh, H., Prins, C., & Schrijvers, E. (2023). *Artificial Intelligence: Definition and Background* (pp. 15–41). https://doi.org/10.1007/978-3-031-21448-6_2

Sotomayor Cantos, K. F., Varas Giler, R. C., & Castro Magayanes, I. E. (2023). Artificial Intelligence In Language Teaching And Learning. *Ciencia Latina Revista Científica Multidisciplinar*, *7*(4), 5629–5638. https://doi.org/10.37811/cl_rcm.v7i4.7368

Taherdoost, H. (2022). What are Different Research Approaches? Comprehensive Review of Qualitative, Quantitative, and Mixed Method Research, Their Applications, Types, and Limitations. *Journal of Management Science & Engineering Research*, *5*(1), 53–63. https://doi.org/10.30564/jmser.v5i1.4538

Zanyar Nathir Ghafar, H. F. S. M. A. A. S. S. F. S. F. A. R. I. R. (2023). The Role of Artificial Intelligence Technology on English Language Learning: A Literature Review. *Canadian Journal of Language and Literature Studies*, *3*(2). https://doi.org/10.53103/cjlls.v3i2.87

Zhang, L. (2024). BENEFITS AND CHALLENGES IN IMPLEMENTING ARTIFICIAL INTELLIGENCE FROM CHINESE EFL PRIMARY SCHOOL TEACHERS' ATTITUDE AND PERCEPTION. *Global and Lokal Distance Education- GLOKAL*, *4*(10).

Annexes

Annex A: *Certified Anti-plagiarism System.*

CERTIFICADO SISTEMA ANTI-PLAGIO

En calidad de tutor del Trabajo de Integración Curricular denominado **"ADVANTAGES AND DISADVANTAGES OF ARTIFICIAL INTELLIGENCE IN THE FOREIGN LANGUAGE (ENGLISH) TEACHING-LEARNING PROCESS"** elaborado por el estudiante **JONATHAN ANDRÉS MATEO ORDÓÑEZ** de la Carrera de Pedagogía de los Idiomas Nacionales y Extranjeros, de la Facultad de Ciencias de la Educación e Idiomas, de la Universidad Estatal Península de Santa Elena, me permito declarar que una vez analizado en el sistema anti plagio COMPILATIO, luego de haber cumplido los requerimientos exigidos de valoración, el presente trabajo de investigación, se encuentra con 5 % de la valoración permitida, por consiguiente se procede a emitir el informe.

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Annex B: *Questionnaire*

Advantages and Disadvantages of Artificial Intelligence in the Foreign Language (English) Teaching-Learning Process.

Population: 6 English teachers and 225 thirteenth-grade students from Unidad Educativa Fiscomisional Americano.

Sample: 5 English teachers and 10 thirteenth-grade students from Unidad Educativa Fiscomisional Americano.

Questions aimed at teachers

1. According to your experience, how has Artificial Intelligence impacted student engagement in learning English?

2. Do you think AI can replace traditional teaching methods in English language education?

3. How effective do you find AI tools in assessing student performance compared to traditional methods?

4. How do you think Artificial Intelligence can support teachers in managing administrative tasks?

5. How prepared do you feel to use AI tools effectively in your English teaching practice?

6. What challenges have you faced when integrating AI into your English teaching methods?

7. In your opinion, how can teachers effectively integrate AI into their English teaching practices without compromising traditional teaching methods?

8. How do you think AI can affect the interaction between teachers and students in English learning environments?

Questions aimed at students

1. What do you think are the main advantages of using Artificial Intelligence in learning English?

2. Can you describe any instances where Artificial Intelligence has enhanced your learning experience in English? What features or tools were particularly helpful?

3. What disadvantages have you faced when using AI tools for learning English?

4. What features of AI tools do you find most beneficial for improving your English language skills, and why?

5. In your opinion, how does the use of AI in English learning compare to traditional methods? What are the key differences?

6. What role do you think AI should play in language assessment and feedback for English learners?

7. How has AI helped you personally improve your English language skills?

8. Do you think AI can effectively replace human English teachers? Why or why not?

Annex C: *Transcripts of interview aimed at teachers*

RESULTS OF THE ANWERS TO THE QUESTIONNAIRE	1. According to your experience, how has Artificial Intelligence impacted student engagement in learning English?	2. Do you think AI can replace traditional teaching methods in English language education?	3. How effective do you find AI tools in assessing student performance compared to traditional methods?
INTERVIEWEE 1	Well, according to my experience, nowadays students are technologically, you know, in every single kind of process. In education, I think AI has affected a lot to students' learning process because they are involved in technology a lot.	Of course! Everything which is actual or modern can replace traditional methods because every single I don't know teaching process can change but not exactly change they can be reproduced okay, we can mix both to create a new one.	Well, I think that is really interesting because as students are motivated in technology AI, students can use for doing tasks, for preparing activities, for preparing oral presentations, essays, for preparing a lot of activities, for them it is really interesting.
INTERVIEWEE 2	It has affected positively because the students perform the activities in classes do it in a more dynamic way and also that they use those who are audios, images which they can analyze, identify what is. For me it is positive	Yes, it can really replace them because remember that traditional methods are things students have been seeing for a long time. So they always need to be changing the	Well, it's really effective because at the time of evaluation, they directly give us the results instead. If we evaluate them in a traditional way, we have to be one by one instead they already good

	in the classroom, only in the classroom because if it is already out, or at home, I know that they will use themselves, then there is nothing.	way of teaching, that is, the way of learning by them and the way of teaching by teachers.	using artificial intelligence, we have the results immediately, I think less than a minute we have everything.
INTERVIEWEE 3	Well, I think that mostly artificial intelligence has impacted students in the way that they take advantage of this artificial intelligence in a bad way because on a lot of occasions, they are copying the things that artificial intelligence can help them and, in that way, and this does not give us like the security that students are applying their knowledge in their houses, for example. So, we avoid giving them homework because of that.	Yes, I think that AI can replace traditional methods because AI has improved a lot of since, a lot of years ago. And I think that maybe for next year we can have a lot of, well more AI than today.	I think that technology can never replace like human methods or a traditional method or some methods that you can teach by the board or writing on the board, but you can have, or you can get a lot of information from AI. So, maybe by integrating those two methods, we can have a better education.
INTERVIEWEE 4	It's really important to improve the, basically the skills, I mean, about what they hear, what they could improve by the listening by the speaking, what they watch. Yeah, to improve the skills basically, for me.	Of course, it is to be innovative.	Many of my students acquire the custom for, as an application and they learn by themselves and when they arrived here, maybe for example, I tell them next week, we are going to learn about the perfect tenses and they

INTERVIEWEE 5	Well, in my experience as a teacher, artificial intelligence has impacted I several ways to students' learning, there are some students that have used AI in a god way, but also there are some students that just copy and paste everything and that affects a lot their learning process.	I do not think so, but we can improve traditional methods through artificial intelligence.	search these kind of topic by themselves this is how they have acquired this kind of self-education that they acquire value maybe and that is the way they can change the method you are telling me to improve their knowledge. Well, I think that traditional methods are effective however, using AI students could feel a little bit more secure at the moment that they are learning a new topic because they learn this topic in a personalized way.

RESULTS OF THE ANWERS TO THE QUESTIONNAIRE	4. How do you think Artificial Intelligence can support teachers in managing administrative tasks?	5. How prepared do you feel to use AI tools effectively in your English teaching practice?	6. What challenges have you faced when integrating AI into your English teaching methods?
INTERVIEWEE 1	Well, I think a lot because nowadays, well for teachers are difficult but nowadays, for example, for creating a lesson plan, for creating a project, for creating a school project in the classroom, or for creating something like program. Everything we can create easily.	Well, I am a young teacher, I am considered a young teacher so, young teachers are involved more in technology than old teachers you know, and I think that I am prepared to use a computer because it is just using a computer and to write specific words to interact with AI, I think I am ready for that.	Well, at the beginning was really hard because working with artificial intelligence is like you know, like talking to another person, you see, but the other person is a robot, so you know what that person thinks, so you have to control, well you have to manage the words, you have to manage the content, and you have to manage what you want because if you do not t know how to write a requirement, the computer is going to give you other results, so that is why we have to be so

precise when you type or when you ask a requirement to AI.

INTERVIEWEE 2

A lot, because many times teachers do not have time really do not have time to create that takes activities for all different courses, activities, for example, performing five activities takes a long time to create them ourselves, but with artificial intelligence we can do it faster. I think a second a second we have everything.

Well, I really have no knowledge, but I know how to use it. Yes, only a little, but I do know how to handle it. To handle it like this, but if I feel like that only little knowledge because I know there are more teachers who can use them in a better way.

That students also use and do not think at the time of performing their work individually, but at home instead of here using them in the classroom it is different.

INTERVIEWEE 3

Well, artificial intelligence gives us more tools or more information or maybe they can give us the facility to grade students or to grade their homework between the maybe platforms or something like quizzes, or those kinds of methods.

Personally, I think that we can be prepared a lot by courses or private courses, and I also took one I think that a month ago and this helps us a lot because they teach the person that taught these courses are allowed to give us a lot of tools and a lot of AI, maybe more sophisticated than those AI that we already know.

Well, as I told you in the first question, some of the challenges that I have faced through these teaching years could be that students also and always copy between AI, so that is difficult for us to I think that AI give them, I mean the correct solution for the homework, so we cannot tell them that is incorrect because this is not.

INTERVIEWEE 4	To drive grades or scores, to make our life sorry better with grades maybe, good topic contents, and also to develop the to check, to develop the day activities that we usually could check in a paper.	I just have to watch a demo video to know how to drive some applications.	For me, the challenge is just to try to understand the whole video and to apply it. That's the only challenge for me.
INTERVIEWEE 5	Personally, I think AI can support teachers, for example to grade, to take the attendance is faster than calling one by one because we waste a lot of time, to create some lesson plans, yeah, artificial intelligence can help us a lot.	Well, I do not think that I am really involved in artificial intelligence, but I can use these tools maybe in a basic way, but I can use them.	One of the challenges is that you need to be specific when you ask something to AI because this technology can give you a wrong answer.

RESULTS OF THE ANWERS TO THE QUESTIONNAIRE	7. In your opinion, how can teachers effectively integrate AI into their English teaching practices without compromising traditional teaching methods?	8. How do you think AI can affect the interaction between teachers and students in English learning environments?
INTERVIEWEE 1	Well, you know nowadays English teachers are involved a little bit more in technology but nowadays is a little bit complicated, first of all because of the electricity, secondly because teachers are not really involved in technical practices, I mean in technology practices, other thing I think that, well, without compromising traditional methods, right? Nowadays we use traditional methods involving technology and I think that both we are working here in this institution we are	Well, you know, AI makes students' life easy, teachers' life easy and that can called I don't know, a lack of interaction because we just use a computer, if the teachers sends a homework they just use a computer with AI, the homework is ready, just print it and that's it and they cannot have an interaction because students are, I don't know how to say, a little bit lazy, they are a little bit lazy because they say okay, I just ask

	working with both, so I think they are not separated.	the AI do my task, do my project and print it, copy and paste, and that's it. That is a disadvantage, and one of disadvantage that students do not read they are just like mechanically ask to AI to do a task and just print it and send to the teacher and they cannot have interaction like traditional methods, with traditional methods we just have, imagine we just have a questions, students just interact, pair activities workshops, working groups and then we can have more interaction, it is according to the teacher, I think is according to the teacher, yes.
INTERVIEWEE 2	Well, really using the AI remember that first we need to have devices with internet, because it is not useful for us, not having internet and have	Well, on one hand it is positive, affects positively because students since they have that method are also

a device, if we are not going to be able to accomplish anything already the same if you can check directly in classes about the contents or at home and be prepared a little.

INTERVIEWEE 3

I think that maybe teachers could use AI in classes and maybe live AI because maybe it is better for students to integrate their basic English skills if we use AI, but we need to maybe guide them in this, we cannot let them just figure out by themselves.

using AI and they can investigate can actually verify whether what the teacher is doing well or not, yes, that is, they can analyze all the questions and realize that they are right, more for the students that at the moment of performing an activity they perform alone the activities and the time already to check if they have well, only analyze. AI can affect the interaction between teachers and students a lot, because the role of the teacher is to teach students and AI can replace this, can teach them clearly or maybe in an easier way than a teacher could. So, they prefer the, I think that mostly in teenagers, they prefer the things that are faster than other things and maybe a traditional teaching is

		not something that they are keen of in these years or nowadays. That's it.
INTERVIEWEE 4	It is based on one of the English teachers they want to apply this kind of knowledge and applying it by themselves above all the students.	It makes, it constructs the educational process easier for me, It does not have like wrong things, for me. Artificial intelligence can affect a lot the interaction between teachers and students because they are using a lot of technology and in some ways they do not allow them to learn in an effective way, you know, it is like they get used to faster things and this can affect their learning process in the classroom because in the classroom they do not have devices to use artificial intelligence.
INTERVIEWEE 5	I don't think it is possible to integrate AI in teaching without using traditional methods because despite technology is more advanced, students always need traditional methods, always need teachers' help and I think we can apply both to obtain better results.	

Annex D: *Transcripts of interview aimed at students*

RESULTS OF THE ANWERS TO THE QUESTIONNAIRE	1. What do you think are the main advantages of using Artificial Intelligence in learning English?	2. Can you describe any instances where Artificial Intelligence has enhanced your learning experience in English? What features or tools were particularly helpful?	3. What disadvantages have you faced when using AI tools for learning English?
INTERVIEWEE 1	It saves us a little more time when translating. Another would be that when we ask for something, it not only gives us what we ask for but also explains how to do it or how to do it ourselves.	In the grammar part because sometimes I did not understand that very well and asked it to explain how to write and the way of speaking and there it was explaining if it was in first, third or second person and infinitive verbs.	One of the disadvantages that seems to me was when sometimes I have to give an English presentation and sometimes, I ask for the pronunciation which does not give it as it is or gives me some letters that do not understand.
INTERVIEWEE 2	I consider because it helps us to translate and sometimes hear the pronunciation of words we do not know.	In my case to listen to the pronunciation because sometimes in presentations or	Sometimes incorrect or out of date data.

INTERVIEWEE 3	It can provide varied and accurate information about what we are looking for at that time.	assignments I hear the pronunciation so that I can pronounce well and address the teacher. At the moment I was learning about verb tenses I had a little trouble understanding and thanks to artificial intelligence I could understand a little better.	Many times, you have to be specific so as not to find different branches of the information you are looking for.
INTERVIEWEE 4	I think it's a tool that can help a lot with learning a language in general because you can ask personalized questions, and it can answer you in a personalized way and directly answer the question you want.	There was a time when I needed to write a speech in English and I did not know how to write it or join words, then an artificial intelligence helped me to improve the union of words and was more useful than a translator.	You have to specify very well the type of things you want because, it can use very technical words at a level that is not yours and complicate learning a little.
INTERVIEWEE 5	Provides a lot of information regarding verbal structures.	It has helped me to formulate various sentences.	Many of my classmates have the same information as me.
INTERVIEWEE 6	I think it could teach us in translation and to make better structured sentences.	At the time of translating more than anything else, at the time I do the tasks and so already the words are getting with the	I think it is mostly naturalness because it is artificial so that's the difference between teachers.

		translation, also the way in which the sentences are made.	
INTERVIEWEE 7	I think that it is easier to carry out activities and to access more information, more specific, faster and also that, in other words, this is effective, you don't have to look around 10 digital pages to be able to find an answer an AI can create in a second.	Well, once I asked it to specify me connectors for making essays then it gave me examples and helped me look for common words so that I could do a job.	Sometimes it is wrong or that sometimes it gives me incorrect words or sometimes it is damaged and does not help to do the task correctly.
INTERVIEWEE 8	Well, the tasks are made a little easier for us.	I say that it taught me a lot about using verbs and formulating sentences.	For example, if we use a translator, sometimes the translator does not translate correctly and can cause you to confuse many things.
INTERVIEWEE 9	It helps you with some kind of argument that you cannot understand or at the same time can help you to translate certain texts since in some sources is not reliable.	It would be time for a report I had made and there helped me to describe.	That almost everything cannot be reliable because AI can be wrong and do not know if it is right or not.
INTERVIEWEE 10	Because any information you can get a little faster in case of researching that apart from investigating you have to read and all that, the AI gives it to you in a faster and more specific way.	In this case I, for example, sent me a certain sentence and had to be a little word, not obviously me, because it does not look directly, but simply	It is not always safe to use artificial intelligence because sometimes it makes its mistakes and can teach us in a bad way.

looked faster what the

sentence meant, if you

would not have to be

looking for words by

word.

RESULTS OF THE ANWERS TO THE QUESTIONNAIRE	4. What features of AI tools do you find most beneficial for improving your English language skills, and why?	5. In your opinion, how does the use of AI in English learning compare to traditional methods? What are the key differences?	6. What role do you think AI should play in language assessment and feedback for English learners?
INTERVIEWEE 1	A feature I told you is that it helps me to accomplish my tasks by creating what is ordered to investigate by the teacher and understand the sentences.	Teachers try to make us understand as simply as possible, but instead using an AI to learn gives us in detail how to use, gives us the most profound information.	I'm putting the topics that I've seen during the trimester and ask it to make me as a summary and the AI gives me information apart from what the teacher has already given me.
INTERVIEWEE 2	It gives us an extra or another idea of what you can acquire.	That in a classroom we are a lot of students and maybe it is not going to be like something personalized. Instead of artificial intelligence we can get something more personalized to solve our doubts.	To evaluate us, look for new questions.

INTERVIEWEE 3	It has extensive information to give us.	It can be less expressive than a teacher.	That helps us with feedback with personalized learning.
INTERVIEWEE 4	Well, the personalized questions and answers.	Artificial intelligence is as more direct, it would be like a establish a dialogue, but at the same time not so much because it is not a real person and can be complicated in that part.	Well, it would currently be one of the main tools for study.
INTERVIEWEE 5	There are some applications of artificial intelligence that include audio, and it helps in that aspect.	You seek information and have it in a way that is accurate to how you hear it from a teacher.	The role of AI is that of a study tool.
INTERVIEWEE 6	The access to all information on the Internet.	That artificial intelligence explains things to you without much spin and in a more structured way.	I think it would be more like a tool rather than artificial intelligence having to do everything, but a tool.
INTERVIEWEE 7	Well, what it allows us to do, for example, it can create a plan to study English and it can help you to improve gradually.	Well, artificial intelligence can give you examples or create a plan to study, but a teacher is the one who is teaching you and if you do not understand something they realize and help you being there or explaining,	Well, as I said, teachers can use it to create more dynamic and effective plans for students.

		because when you don't know what it is that you don't know that you can't ask an AI	
INTERVIEWEE 8	Artificial intelligence helps a lot in English.	The difference is that teachers explain in more detail than artificial intelligence because artificial intelligence can omit some things.	For example, it helps us to understand better the topics of English subject.
INTERVIEWEE 9	For example, chat GPT is an artificial intelligence tool that has helped me a lot.	The teaching methods in school or university.	The role of a tool that helps most in translation.
INTERVIEWEE 10	In this case, the information you are looking for is obtained more quickly and effectively.	Well, a teacher can explain to a student in a unique way, whereas artificial intelligence can explain in a way that students don't understand.	As an aid to provide us with information and help us carry out activities that we need to do.

RESULTS OF THE ANWERS TO THE QUESTIONNAIRE	7. How has AI helped you personally improve your English language skills?	8. Do you think AI can effectively replace human English teachers? Why or why not?
INTERVIEWEE 1	When it comes to reading, it gives me not only in English, but also in Spanish to understand it because sometimes it is better to understand things than to learn them.	Yes, because they would be more direct because seeing the teachers you cannot understand well because they go with more rodeos and at the end do not explain well the point or the topic that they are going to teach.
INTERVIEWEE 2	Giving me new ideas and in pronunciation or creating new sentences in different contexts.	No, because they come with their knowledge or so to say traditions that sometimes exist in other countries and they continue generating it, instead sometimes the

INTERVIEWEE 3	He has helped me by looking for different words that are used in certain specific cases.	AI is not so up to date, that can be left behind. No, because a person can be more effective than an artificial intelligence because a person is more expressive than an artificial intelligence.
INTERVIEWEE 4	Well as I said, the thing about the personalized questions are things that help a lot since in other internet pages you could not find exactly the answer to the doubt you have.	No, because an English teacher is specialized for that teaching, but an artificial intelligence does not, it only gives you an answer based on its code.
INTERVIEWEE 5	With the search for some information and things I need.	I think so because lately there are virtual classes and it's almost the same.
INTERVIEWEE 6	When it comes to understanding words and using the best concepts.	I think it could not be so because as I said, it would be more like a tool and also the point of the naturalness of the teacher, although teachers sometimes give many thoughts to the matter, the way of expressing also influences a lot.

INTERVIEWEE 7	Well, AI has helped me to understand more words, it has helped me to do more work, or more difficult work, and it has helped me to improve my English.	I think it could teach what teachers tach now, but it wouldn't be as effective as having a person there and giving you a plan so that you can continue studying and improving every day.
INTERVIEWEE 8	In the pronunciation.	It cannot replace them because teachers teach you in a better way.
INTERVIEWEE 9	Personally, it has not helped me much because I do not use it as much for learning the English language.	I do not think so because they are already more experienced with that.
INTERVIEWEE 10	It's been a big help on the pronunciation part.	No, because teachers have their knowledge.