



THE ROLE OF AI IN ENGLISH LANGUAGE TEACHING

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ABSTRACT, Nowadays ,it is true that English has become the most widely used language all over the world. So , the number of English learners have been maximizing for a few years. However, they may face lots of challenges in enhancing four important skills which include speaking , writing , listening , reading and grammar also . Artificial intelligence plays a crucial role to overcome these obstacles. This article addresses a wide range of AI apps,forexample mentimeter,duolingo, and the importance of them in English language teaching .


Keywords. Artificial intelligence, apps ,mentimeter,duolingo, , language teaching , enhancing skills, speaking, writing, listening , reading and grammar.

ANNOTATSIYA. Bugungi kunda ingliz tili butun dunyo buylab eng keng foydalaniladigan tilga aylanganligi haqiqat.Shuning uchun ingliz tili o'rganuvchilari soni oxirgi bir necha yillardan beri maksimal darajada ko'paymoqda.Biroq ular to'rtta muhim qobiliyat , gapirish , yozish, tinglab tushunish , uqish hamda grammatikani o'zlashtirishda bir qancha qiyinchiliklarga duch kelishlari mumkin. Sun'iy intellekt esa bu to'siqlarni yengib o'tishda muhim rol o'ynaydi .Bu maqola turli xil sun'iy intellekt ilovalari mentimeter , duolingo kabilar va ularning ingliz tilini o'qitishdagi roli haqida mulohaza yuritadi.

Kalit so'zlar . Sun'iy intellekt , ilovalar , mentimeter, duolingo , til o'rgatish , qobiliyatlarni rivojlantirish, gapirish, yozish, o'qish, eshitish va grammatika.

INTRODUCTION


English is one of the most used languages for jobs, markets, tourism, discourse and international connectivity (Lan et al., [2020](#)). To achieve mastery of the English language, a pupil acquires proficiency in speaking, listening, reading and writing (Grabe & Stoller, [2002](#)). However, empirical evidence shows that pupils can often face difficulties when learning English, with challenges such as limited connections to English outside the language courses, insufficient content knowledge (Tokoz-Goktepe, [2014](#)) and irregularity in English spelling (Ulicheva et al., [2018](#)). Pupils can also fear making embarrassing mistakes in front of peers (Cumming et al., [2018](#)). AI has been used to remove or ameliorate some of those challenges (Baranwal, [2022](#); Kannan & Munday, [2018](#)). AI are computer systems that simulate human intelligence (Sindermann et al., [2021](#)) and can learn, understand and remember human language (Xiaohong & Yanzheng, [2021](#)). In other words, AI is about adding human intelligence to the machine for task execution. According to Mehrotra ([2019](#)),



Artificial Intelligence (AI) is a computer science technology that explores the analysis and development of smart machines and apps. It is the science of having a machine to think and behave like a human being who is intelligent. The key to AI technology lies in intelligence (Wang, 2019). According to Whitby (2009), AI studies intelligent behaviors in humans, animals, and machines and attempt to find ways. The word AI consists of the words “artificial” and “intelligence” (Ahmet, 2018). The word “artificial” is something that is not real, simulated, but not completely false regarding being a fraud. While “intelligence” is something that can replace genuine items because the former has better qualities in a certain context. Intelligence is a very complex term. It includes different forms, such as reasoning, self-knowledge understanding, emotional awareness, preparation, consciousness, and creativity. As stated by Joshi (2019, p. 4), AI may not mean designing an incredibly smart programs can help provide a safe environment for learning English.


AI has supported language teaching and learning with studies showing that AI can support language-specific skills, such as reading comprehension (Xu et al., 2019), practicing repetitive language skills on a machine (Kim, 2019) and correcting English pronunciation (Noviyanti, 2020). It can also help with broader teaching and learning activities, including automatic marking, providing feedback, adaptive educational experiences, intelligent tutoring and prediction systems (Pokrivčáková, 2019).

Relationship between Artificial Intelligence and English Language Teaching



AI-assisted devices are a sub-section of computer-assisted language learning for foreign language learning (CALL). AI provides a wide variety of developments in foreign language education with the exponential development in natural language processing and technologies to cope with big data (Li, 2020). English language teaching (ELT) is considered an integral educational aim in terms of improving the potential of students to interact internationally (Mukhallafi, 2020). Artificial intelligence (AI) provides a vast range of enhancements in foreign language education with the exponential development of natural language processing and technologies capable of working with big data. Artificial intelligence (AI) is a challenging and creative field in teaching English (Zhu, 2017). Artificial intelligence technologies may help make world classrooms open for all, including those who speak various languages or may have a vision or auditory impairments (Marr, 2018). Gawate (2019) states that As an additional support system, AI will play a critical function for both students and teachers of the English language. This statement is also supported by Li (2017) that “Artificial intelligence also acts as a tool for improving English teaching”. In AI, language literacy and digital literacy are a neat combination to improve global competence, such as in learning English. Personalized content is also key to digital learning technology. Adaptive systems based on big data and artificial intelligence are now at hand.

AI plays an important role in sharing various information to learners and also helps to make the English learning process more effective. The existence of various kinds of



learning technology makes it easier for these learners to understand what has been explained by the teacher. Even students can learn anything without facing their teachers. There are so many choices of language learning applications based on the technology of Artificial Intelligence (AI) which can be used by both English educators and students/learners. Some examples of AI technology that can be used in English language learning are as follow:

1. Google translate


It is stated that google translate can translate to 50 languages . Students can translate words, phrases , sentences and even entire documents from one language to another one. Google translate can be also effective in pronouncing what has been translated. So language learners are able to both translate what they do not understand and learn how to pronounce. All in all, For students who want to learn English for free, especially how to pronounce words, google translate can be used.

2. Elsa

English Learning Speech Assitant (ELSA) and designed by Vu Van in 2015, and is based in San Francisco, United States. This application makes use of Artificial Intelligence (AI) and speech recognition to help improve and perfect English pronunciation. This technology allows for a two-way learning process, for example, the users can pronounce certain words or sentences, then the system will perform analysis and provide corrective input. The ELSA framework is trained to use voice data of people speaking English with multiple accents, to recognize the speech patterns of non-native speakers, distinguishing them from most other speech recognition technologies. Users are given an assessment test to determine their level of proficiency. ELSA provides scores ranging from zero to 100, with most native speakers scoring 95 or above. The results help ELSA personalize the user's learning path, highlighting which sounds hit the spot, and what else needs tweaking. ELSA makes suggestions for specific lessons according to the user's abilities. Concerning teaching and learning English, Application ELSA (English Learning Speech Assistant) Speak is an application for learning English that applies artificial intelligence and speech recognition to help students improve their English speaking skills. This technology allows for a two-way learning process, for example, users can pronounce certain English words or sentences, then the system will perform analysis and provide corrective input (Eka, 2020).

3. Duolingo

Duolingo is a web that is used to learn foreign languages. Duolingo is a language learning application that uses a game method by matching words and filling in the blank parts of sentences. This method aims to teach the grammar, words, and phrases needed in a sentence. Concerning teaching and learning English, Any student at any level of English can learn a new science with Duolingo. So that the learning materials obtained by users match their abilities, Duolingo conducts tests first. After taking the test, Duolingo users will



know what level of English they are at. Only then will Duolingo provide English material that has been adapted to the user's abilities. Not only about grammar, but Duolingo is also equipped with learning vocabulary, terms, and so on. Duolingo's English teaching method is also designed to be gaming-like and "competitive" with other users.

4.Mentimeter

Mentimeter is an online platform which is used to engage audiences in real time .It is widely utilized in lessons , meetings and training sessions.Mentimeter allows teachers create interactive questions and collect responses instantly from the audience .The presenter creates questions on mentimeter.com. A unique code is shown on the screen .Participants can enter the code and join in the game .It helps to encourage active participation , provide instant feedback and increase student engagement.

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