



Using artificial intelligence to improve the quality of teaching

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Abstract: In private ESL education, the adoption of artificial intelligence (AI) tools offers great potential to improve teaching methods. With basic technical skills, teachers can use AI to optimise lesson creation and delivery, resulting in effective and varied learning experiences for students. Learn three ways to use AI and what it can do for teachers of English as a foreign language.

Keywords: Artificial intelligence, developing communicative competencies.

Introduction: Methods for assessing language proficiency using artificial intelligence.

For freelance teachers, accurately assessing a student's language proficiency is a crucial step to create lessons tailored to their individual needs. AI-assisted language assessment tools such as Cambridge English Write & Improve offer out-of-the-box solutions to determine speaking, writing and comprehension levels. This service uses AI algorithms to assess language use, grammar and vocabulary, provides instant results and provides information on proficiency levels.

AI-assisted language assessment tools have many advantages. Firstly, they save time and effort by automating the assessment process, allowing teachers to focus on lesson planning and instruction. Moreover, the instant feedback, allows students to identify and correct knowledge gaps in the learning process in real time, which increases interest in self-learning. In addition, AI algorithms can generate detailed progress reports, this allows teachers to track their students' progress and adjust instruction. By using such tools for language assessment, instructors can improve the quality and efficiency of their teaching practice, as well as empower students to self-manage their learning.

Chatbots for language practice and communication.

Engaging students in meaningful language practice and

conversation is very important for the development of their communicative skills in a foreign language. Artificial intelligence chatbots such as Replika and ChatGPT act as virtual interlocutors, offering students the opportunity to practice speaking and writing in a supportive and interactive environment. These chatbots use Natural Language Processing (Neuro Linguistic Programming (NLP) algorithms to understand and respond to students' messages, mimicking real-life communication scenarios.

One way to use this tool is to incorporate it into a lesson that involves asking questions followed by clarifying questions. Set a topic of discussion for the student to address the chatbot in the form of a question. Then invite the student to read the chatbot's response and then ask a follow-up question. You can also suggest that the student listen to the answer rather than reading it to practice listening.

The advantages of using chatbots for language practice are many. Firstly, they give students the opportunity to practise speaking and writing without fear of judgement or embarrassment. By engaging in regular conversations with chatbots, students can gradually improve fluency, vocabulary and grammar.

AI-enabled chatbots instantly answer questions and correct errors, helping students in real time. Chatbots can adapt to a student's language proficiency level and preferences, providing a personalised language practice experience tailored to individual needs. By incorporating chatbots into their ESL lessons, teachers can help their students improve their language level and confidence in a simple and interactive way.

Tools for creating materials and delivering AI-enabled lessons.

Creating interesting and relevant lesson materials is essential to keep students motivated and interested in learning a foreign language. Simple chatbots such as ChatGPT can be used to create personalised, detailed lesson plans. If given very detailed instructions, a chatbot can use artificial intelligence algorithms to analyse text and multimedia resources, generating personalised lesson plans, written assignments and presentations according to language level and learning objectives.

The benefits of AI-enabled content creation technologies are numerous. Firstly, they simplify the lesson planning process, saving teachers valuable time and effort in searching for appropriate materials. With AI, teachers can access a wide range of ready-made resources, including articles, videos, and interactive assignments tailored to students' needs. AI algorithms can suggest additional materials and activities based on students' interests and preferences, increasing

engagement and motivation. In addition, AI tools can offer interactive features such as quizzes, polls and multimedia elements, making lessons more dynamic and rich. By using AI in lesson planning, teachers can create engaging, interactive lessons for their students that promote effective language acquisition and level improvement.

Thus, the use of artificial intelligence, which involves the formation of students' communicative competence in learning English, and takes into account the provisions of the domestic psychological concept of teaching a foreign language, according to which it is necessary to teach speech activity, the organisation of learning English is carried out through:

1. texts (oral, written), for listening, analysing and speaking, including tasks for writing texts using the studied vocabulary are appropriate. For example, ChatGPT can be used to generate text at the request of the user (instructor or student), QuillBot to paraphrase texts, generate quotations for further discussion. The instructor can also create his own chatbot for conducting surveys: select a text on the topic of the class, compose tasks to it, create his own chatbot and add questions with answers of 'True' or 'False' type.

2. Various kinds of quizzes, crosswords, charades, language tasks that reveal the peculiarities of meaning or a variety of meanings and ways of using a particular lexical unit, the possibilities of using it with other lexical units. Today, special mobile applications for language learning have been developed: 'Learningapps', 'Quizlet' and 'Classtools'. These platforms, based on artificial intelligence principles, can also be used for practical lessons. They allow you to create vocabulary cards, check vocabulary learning, perform automatic translation, and create interactive materials of different levels of complexity. Translation and vocabulary practice exercises can be created in the chatbots mentioned above (Choose the correct translation of the word: interesting film - amazing / boring / interesting film. Finish the sentence using the appropriate word: I was (amazed / bored / excited) by our new research results).

3. Speaking proper, oral speech, monologues, dialogues using the studied lexical units. You can ask students to compose a dialogue or monologue using all the lexical units from the exercise they have been doing, for example, in the Quizlet application. Another way is to ask students to start a dialogue with a chatbot. Each student should start a dialogue with their virtual interlocutor. This will help not only to practice word order and spelling, but also to clearly formulate sentences and questions so that the interlocutor is interested and understandable. After the time has

elapsed, the teacher checks whether all the conditions have been fulfilled and helps the students to work on their mistakes.

The use of artificial intelligence tools allows the development of intrinsic motivation to fulfil educational priorities. And also the use of artificial intelligence provides for the formation of language skills or abilities, based on the use of techniques inherent in games (competition, fun, passing levels, points for achievements, etc.). One of the most successful applications using artificial intelligence for language learning is Duolingo, which has about 60 million users worldwide. The application is designed to help in learning new languages. A set of techniques is used to learn and consolidate words: images, texts, audio. New vocabulary is offered in context and makes learning as meaningful as possible. Inside, it's more like a game than language lessons, with its virtual currency, badges, Challenges and achievements. A map of levels is open in front of learners, you can set your own goals and earn points by completing exercises. All this makes language learning a fun and entertaining activity. Similarly, a phenomenon such as the level of knowledge reflection can be noted in the case of using artificial intelligence. In particular, in the case of using artificial intelligence, the learner, in general, can evaluate whether or not he/she has achieved the learning outcome (based on the points, scores or levels obtained).

Thus, the use of artificial intelligence in the educational process of the university is the integration of game elements and game technologies, modern applications and chatbots into the learning process, which contributes to a qualitative change in the way of organisation and modernisation of the learning process, leads to an increase in the level of motivation, involvement of students, activation of their attention and concentration in solving learning tasks. This allows us to talk about the use of artificial intelligence as a metacognitive method of learning, i.e. a method that allows the learner to realise his/her own level, see 'gaps' in knowledge, mark his/her own mistakes and direct efforts to correct them. In particular, memorisation accompanied by positive emotions is more effective. Therefore, when implementing artificial intelligence in training, the quality of learning improves.

CONCLUSION

In conclusion, the use of AI in online English language teaching provides teachers with many useful tools and resources to enhance lesson creation and delivery. AI offers simple solutions to automate the learning process and increase student engagement, from AI-

assisted language assessment tools to chatbots for conversational practice, as well as AI-assisted content creation tools. With basic technical knowledge, teachers can use AI to personalise the curriculum, creating dynamic and interactive lessons tailored to individual student needs. As AI continues to evolve, its potential in online learning remains promising, allowing instructors to deliver high-quality lessons and support to students around the world.

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