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**Artificial Intelligence and TESOL**

**ABSTRACT (50 words)**

Woo and Choi (2022) provided a systematic review for AI-based language learning tools. Their study found that AI tools are widely used in the learning of various linguistics skills and knowledge. In this talk, I will briefly introduce some of most popular AI tools available for ESL teachers and learners.

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Woo and Choi (2022) provided a systematic review for AI-based Language Learning tools. Their findings indicate that AI tools are widely used in the learning of various linguistics skills and knowledge. For all the studies they reviewed, speaking and listening takes about 14.26%, and writing takes about 11.21%. Pronunciation also takes about 11.21%; grammar takes about 7.13%; vocabulary takes about 5.9%; and reading takes about 4.8%.

In this talk, I will briefly introduce some of most popular AI tools for ESL/EFL teachers and learners. For speaking and listening, the use of intelligent personal Assistants (IPA), such as Google Assistant and Amazon Alexa, and dialogue systems, such as Kuki and Stanford Chirpy Cardinal, are introduced. For writing, writing tools which can provide automatic scoring and paraphrasing tools are introduced. For pronunciation, automatic speech recognition engines such as SpeechAce and CoolEnglish are introduced. For grammar, famous grammar checkers such as Grammarly and Quillbot are discussed. From this short introduction, it is clear that AI-based tools have great potentials for language learning. English teachers and learners need to become more familiar with these well-known products. They might also need to know some of the major strengths and limitations of these new tools. Teachers and students can benefit more from these tools if they can effectively use these powerful tools.

**Keywords:** Artificial Intelligence, IPA, Chatbot, Speech recognition.