

## Perceptions of using AI powered language applications for self-studying English

MA Zumla<sup>1#</sup>, KWCKDM Karunarathna<sup>1</sup>, BALT Basnayake<sup>1</sup>, and DMSD Dissanayake<sup>1</sup>

<sup>1</sup>General Sir John Kotelawala Defence University, Sri Lanka

<sup>#</sup>40-bte-0001@kdu.ac.lk

Artificial intelligence (AI) and AI powered language applications play crucial roles in self-learning a language. This research focuses on the experiences and the perceptions on using AI powered language applications for self-learning English among TESOL (Teaching English to the Speakers of Other Languages) practitioners of General Sir John Kotelawala Defence University, Sri Lanka. The rapid progress of AI made the language learning applications based on the adaptability, flexibility, accessibility and versatility of the individuals which suits each learner's pace, style and preferences. This study has used a mixed method approach including questionnaires (quantitative) and focus group discussion (qualitative). According to the convenient sampling, about 91 TESOL practitioners of General Sir John Kotelawala Defence University, Sri Lanka were considered as the sample of the study. The key findings of the study reveal that 85% of TESOL practitioners found AI-powered language applications significantly enhanced their English learning and based on the demographic variations, younger users, non-native speakers, and those with specific language needs found AI tools particularly beneficial. This study offers useful information for educators, application developers and policy makers to improve the effectiveness of AI powered language applications and learning systems.

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