

Build an AI-integrated Chinese learning support application

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Abstract: In the context of increasing demand for communication and working with native speakers in Asian countries, especially the Chinese language, this topic aims to solve the problem of providing an effective method for the process of learning Chinese. The objective of this research is to design and implement an application integrating artificial intelligence (AI) to support vocabulary, grammar, and communication learning through visual practice exercises. The method combines linguistic theory with AI technology to provide a personalized and effective learning experience. The significance of the topic lies not only in its ability to improve Chinese language skills but also in its contribution to the development of AI applications in the field of education.

Keywords: AI application, Learning Chinese, Visual education, Natural language analysis, Machine learning technology