

Developing an automatic question-answering system to support ICTU students

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Abstract: This topic aims to explore the necessity of developing an automatic question-answering (Q&A;) system to support ICTU students in their learning process. The objective is to build and deploy this Q&A; system, based on a combination of theoretical research and experimentation. The proposed method includes analyzing student requirements, designing the system structure, training an automatic question-answering model, and testing system performance in a real environment at ICTU. The significance of this topic lies in its potential to improve the learning experience for students while contributing to the development of information technology applications in education.

Keywords: automatic question-answering system, learning support, natural language processing (NLP) techniques, ICTU school, machine learning model