

Using the K-Means clustering algorithm to predict the learning outcomes of ICTU students.

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Abstract: This topic aims to address an important issue in higher education: predicting the academic performance of ICTU students. The main objective is to build a forecasting system by applying the K-Means clustering algorithm to analyze student data. This research method combines theory and experimentation to enhance the understanding of factors affecting student academic performance. The expected result is a useful solution for the school in supporting management and improving the quality of education.

Keywords: K-Means, predicting academic performance, ICTU students