

Application of machine learning techniques in predicting student career trends

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Abstract: In the context of rapid changes in the labor market, predicting students' career trends has become a necessary issue to support effective career counseling and guidance. This topic focuses on applying machine learning techniques to build an accurate prediction system. Through theoretical research combined with experimentation, we aim to provide solutions that help educational institutions and students make informed decisions about career choices. This result not only enhances students' competitiveness but also contributes to the development of high-quality human resources for society.

Keywords: Machine learning, Career trend prediction, Students