## Sentiment Analysis of the Kampus Merdeka Program on Twitter Using Support Vector Machine and a Feature Extraction Comparison: TF-IDF vs. FastText

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<ul> <li>Research, and Technology in 2020, aims to enhance students' skills through hands-or experience. Considering the rising significance of social media, particularly Twitter, in gublic opinion, this research focuses on analyzing the sentiment towards the Kampus program. The primary objective is to classify the sentiments expressed in tweets related program and compare two feature extraction techniquesâ€Â'TF-IDF and FastTextÂ' identify the best approach for transforming text data into numerical vectors. The sentime classification model was built using the Support Vector Machine (SVM) algorithm, a machine technique known for its accuracy in text classification. A total of 16,730 tweets collected and analyzed, yielding an accuracy of 73% for FastText and 72% for TF-IDF show that FastText is more effective in capturing semantic relationships, leading to hig accuracy in sentiment classification. Findings indicate that the public sentiment toward Kampus Merdeka program is predominantly positive (60.7%), with negative and neutrations at 33.5% and 5.8%, respectively. The success of the FastText method und the importance of advanced feature extraction techniques in text classification. The no this research lies in its use of FastText for educational policy evaluation, providing a neutral sentiment analysis to assess public perception of educational process.</li> </ul>	gauging Merdeka ed to the Á¢Â€Â"to nent achine s were . Results her s the al erscores velty of ew
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