

## ***Feature Expansion* menggunakan Word2vec untuk Deteksi Ujaran Kebencian pada Twitter**

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### **Abstract**

Hate speech is considered the highest case on social media, especially Twitter. Twitter limits its users to uploading a tweet only 280 characters, and allows for vocabulary mismatches. Therefore, the author applies the Feature Expansion method, namely Word2vec and the TF-IDF weighting method, to overcome these problems and build a hate speech detection system. The classification methods used to build the system are Support Vector Machine (SVM) and Random Forest. The final result of the study showed that the use of the Feature Expansion method with TF-IDF weighting in the Random Forest classification gave the most optimal results, namely 88,37% for the accuracy value and 0,8819 for the F1 score.

**Keywords:** Hate speech, Word2vec, *Feature Expansion*, Twitter

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