

Deteksi Berita Rumor pada Sosial Media Twitter Menggunakan Metode Naïve Bayes Multinomial dengan Pembobotan TF-IDF

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Abstract

Social media is a place to communicate and exchange information about fellow human beings, and one of the social media used is Twitter. There is some information that we get is not necessarily true, there is a lack of precise or improper news of the truth can be called rumors news. Rumor news has been very often seen in social media, so many parties were harmed by rumors of news. In this final research assignment, the author builds a system to detect rumors of news on Twitter. It takes a weighted value to a tweet taken from rumor news spread by some people on Twitter, the weighting Term Frequency Inverse Document Frequency (TF-IDF) that the author used in this study. The data classification uses the Naïve Bayes Classifier method to predict the accuracy results of this study. Performance results obtained using TF-IDF in tests of 78,53% with a test data of 10%. As for classification without using TF-IDF of 77,98% with test data of 10%.

Keyword: Rumor, TF-IDF, Naïve bayes Multinomial, Non Rumor, Media Social
