Prediksi *Retweet* Menggunakan Metode *Long Short-Term Memory* dengan Topik Vaksinasi Covid-19

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Abstract

The COVID-19 outbreak was first reported in late 2019, infecting at least 20.1 million people and killing more than 737,000 people worldwide and counting. In Indonesia, the government stated that the Covid-19 vaccination is an obligation for everyone. The rapid development of technology has made social media a means of spreading news. One of the social media that plays an important role in Twitter. On Twitter, tweets can be shared with other users by retweeting. Where the greater the number of retweets, the wider the existing information. Therefore, the retweet feature plays a crucial role in spreading information. This study discusses retweet predictions about covid-19 vaccination using the Long Short-Term Memory (LSTM) method with the application of hyperparameter tuning with the best result get an accuracy value or closeness value of 98%, a precision value or closeness value of 74%, a recall value of 91%, an f-1 score value or a comparison value of 93%. So the higher the value of accuracy, the more optimal the level of prediction.