

## **ABSTRACT**

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Sentimen analysis public of the new capital city on twitter using BERT (Bidirectional Encoder Representations From Transformers) method.

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The Capital City of the Republic of Indonesia, currently played by DKI Jakarta Province, has a role as the center of the economy and the center of government. However, the government will officially move the capital to the Kalimantan area. However, the relocation of the capital city to Kalimantan has invited various reactions from the community. The reactions given are in the form of opinions ranging from good opinions to bad opinions. Currently, with the development of information technology, people are more active in expressing their opinions through social media, one of which is Twitter, various comments are given to respond to existing tweets. By utilizing deep learning technology, machine learning and data from Twitter social media, a study was conducted to analyze the response to the development of a new capital city by classifying the response into responses that tend to be positive, negative, or neutral using the BERT (Bidirectional Encoder Representations) method. from Transformers). The dataset that will be used is tweets containing the word 'ikn' as much as 1004 data. The results of the analysis carried out show how accurate the use of the BERT method is to analyze sentimen, in this study it has an accuracy of 68% on the provision of 16 epoch

Bibliography (2017 – 2022)