

Abstract

Opinion is a subjective expression in which people's opinion will explain the sentiment of that person. The number of opinions about the election of governor Jakarta 2017 on social media especially twitter has many, so it makes user hard to know how the sentiments of citizens to governor of Jakarta 2017 candidates. These problems required a system that can provide a percentage of positive and negative sentiments to each candidate in election of governor of DKI Jakarta 2017. In this research has three stages, the first stage is using twitter API to get the dataset of citizen's opinion about the election of governor Jakarta 2017. The Second stage is *preprocessing* the dataset that has been obtained. The third stage is analyzing the sentiment of citizen's opinion about the election of governor Jakarta 2017 by using ontologi. Ontologi is primitive representation that is used to model the domain that also serves as a bridge between users and software. Applying ontologi method as classification of governor Jakarta 2017 candidates and the positive and negative sentiment classification of each candidate's data. From the result of the analysis found that a number of tweet a lot of positive and negative comments on the second paslon as much as 56.74% and 15.62%.

Keyword: ontologi, sentiment analysis, election of candidate governor Jakarta 2017.