

ABSTRACT

The development of social media in Indonesia is currently so fast, this is in line with the very high population growth of Indonesia. One of the social media that is often used by Indonesian people is Twitter. Aside from being a place of expression, Twitter is also a very fast online exchange of information. Twitter users consist of various groups, including politicians. Like politicians in general who need public approach and support, Twitter is one of the most appropriate media to get this. So, the more popular a politician is, the more follower he will have. Not only from the general public, but from fellow politicians will also follow each other on the basis of certain interests such as one group, like their thoughts and so on. From the activity of following each other between these politicians, a graph will be formed which is an appearance of the relationship created. If you do a more in-depth analysis of the graph, you will definitely get important useful information. One of the best ways to analyze the politician's friendship is to apply a graph database. In the graph database there are many analytical methods that can be used, one of which is degree centrality. Degree centrality has a focus on calculating the number of relations owned by each object. The object to be analyzed is focused on 34 Governors and 34 Ministers who are actively serving as of April 30, 2021. Based on the results of the analysis conducted, it is known that politicians from the Independent circles have the highest tendency to make friends compared to other politicians. Furthermore, to test how high the quality level of the results of the degree centrality analysis is, a comparison will be made with the betweenness centrality method. Based on this comparison, it is known that the quality level of the results of the degree centrality analysis on the politician's relationship reaches 72%. Therefore, it can be concluded that the results of the analysis carried out have a good level of quality.

Keywords – Politician, twitter, graph, degree centrality.