

Abstract

Social media is the most popular place of communication in the world. beside that, sometimes social media can also be a place for cybercrime issues, especially hacking, spreading fake news, spam messages or issues that can be detrimental. from many of social media, Twitter is one of the most hacked social media, in this case the Twitter account is hacked by posting a tweet without the owner knowing it. Therefore we need an outlier detection system on Twitter based on the density between tweets by applying Local Outlier Factor (LOF) method. From the outlier detection system that has been built, can produce 75 accuracy by using the parameter k between 1-3 and contamination between 0 - 0.4

***Keywords:* Cybercrime, Twitter, Outlier, Local Outlier Factor**