

Abstract

Twitter is a social media that contains information such as the latest news, a person's biography, and tweets from users. Twitter has a feature called trending topics that serves to find out information on certain topics that are currently popular. In fact, it is often difficult to understand what trending topics are happening. Therefore, it is necessary to classify trending topics into a general category. This study aims to analyze and classify Twitter topic trending information by dividing several topic trend labels using the FastText expansion feature method. The FastText expansion feature is used to reduce vocabulary mismatches in a tweet. The classification process of this system will use the Logistic Regression method. The best results were obtained in this study using test data scenarios, 90:10 training data with 76.39% accuracy. The most discussed trending topic from September 2021 to October 2021 was religion with a percentage of 91%, followed by health 80% and technology 79%.

Keywords: *Twitter*, trending topics, FastText, expansion feature