



PROJECT REPORT
SENTIMENT ANALYSIS COVID VACCINE ON
TWITTER USING SVM ALGORITHM

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2022

APPROVAL AND RATIFICATION PAGE



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ACKNOWLEDGMENT

Praise the presence of Allah SWT who has bestowed His grace and guidance. With health, patience, fluency, I was finally able to complete the thesis task entitled "Sentiment Analysis of Covid Vaccine on Twitter Using SVM Algorithm".

On this occasion, I as the author would like to thank all those who have helped in the completion of this thesis. I am very grateful to:

1. My father and mother always give attention, motivation, enthusiasm, love, and prayers that always pray to Allah SWT.
2. my little sister is always patient when she sees me working on my thesis, always cheers me up all the time, and always makes jokes so that I don't get bored while working on my thesis.
3. Mrs. Rosita Herawati S.T., M.I.T. as my supervisor who is always patient in directing and always providing motivation so that I can complete this thesis smoothly.
4. To all lecturers majoring in informatics engineering, Soegijapranata Catholic University, who I respect, who have given me useful knowledge and directions that are very useful to complete the task of this thesis properly.
5. To all friends who always support and always give encouragement so that this thesis can be completed properly. Especially to Vivi, Eki, Restu, and Kezia, thank you for the laughs that you have given that make my college life very meaningful.

Semarang, January 20, 2022



RATNA AKILA RETA

ABSTRACT

Currently there are still many people who have not been vaccinated. many people comment on social media, especially the twitter application, to provide opinions and comments about the covid vaccine in Indonesia. In order to find out the tweets that appeared including positive comments or negative comments, an analysis was carried out to find out how many negative and positive comments were by sentiment analysis.

This study analyzes comments taken from the twitter application using the crawling method. Furthermore, pre-processing will be carried out such as case folding, tokenization, and stopword filtering. Then before the classification is carried out, data labeling and data split will be carried out to facilitate classification. After that, classification will be carried out using the SVM algorithm method.

The final result of this research project is that there are 9981 data obtained from the crawling method. This data proves that 92.4% of Indonesians gave a neutral response to the topic of the Covid vaccine on the Twitter application. The SVM algorithm is easy to use in the implementation of sentiment analysis. And the accuracy results obtained using the SVM method are 90.5%.

Keyword: SVM, covid, vaccine, twitter

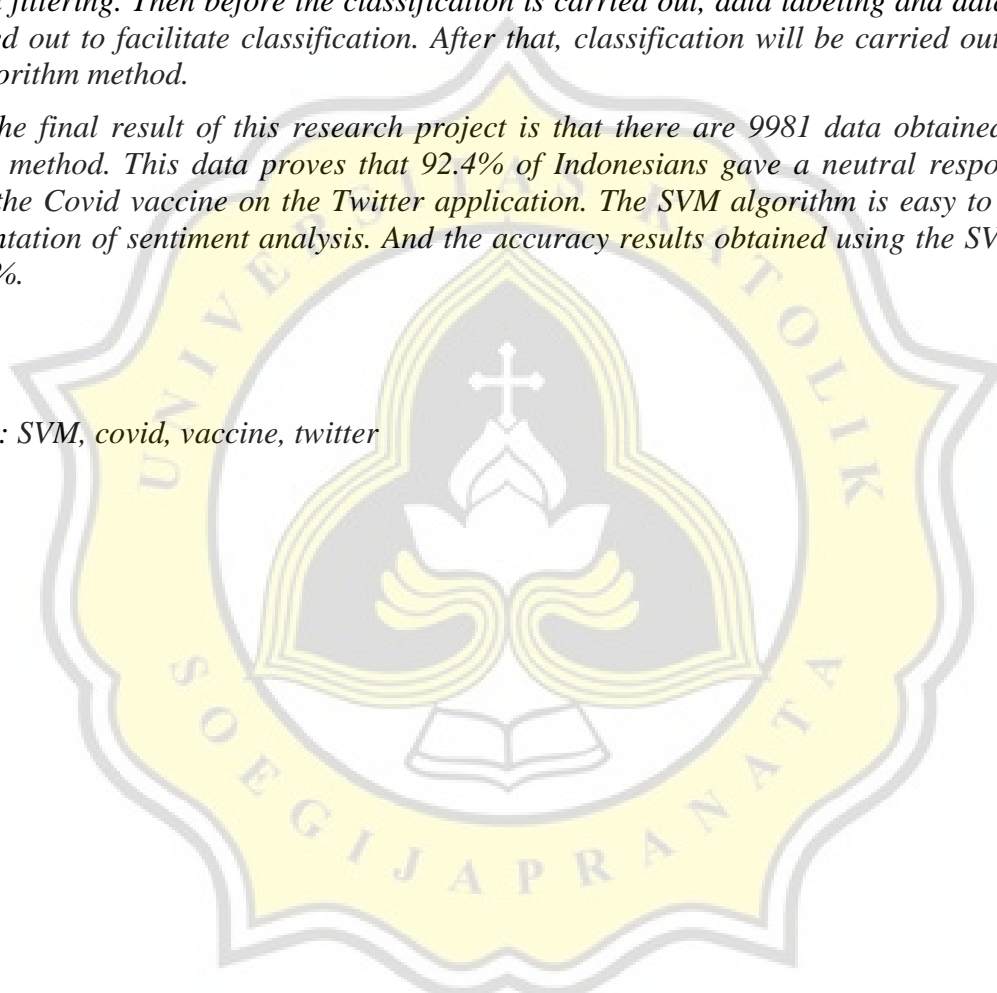


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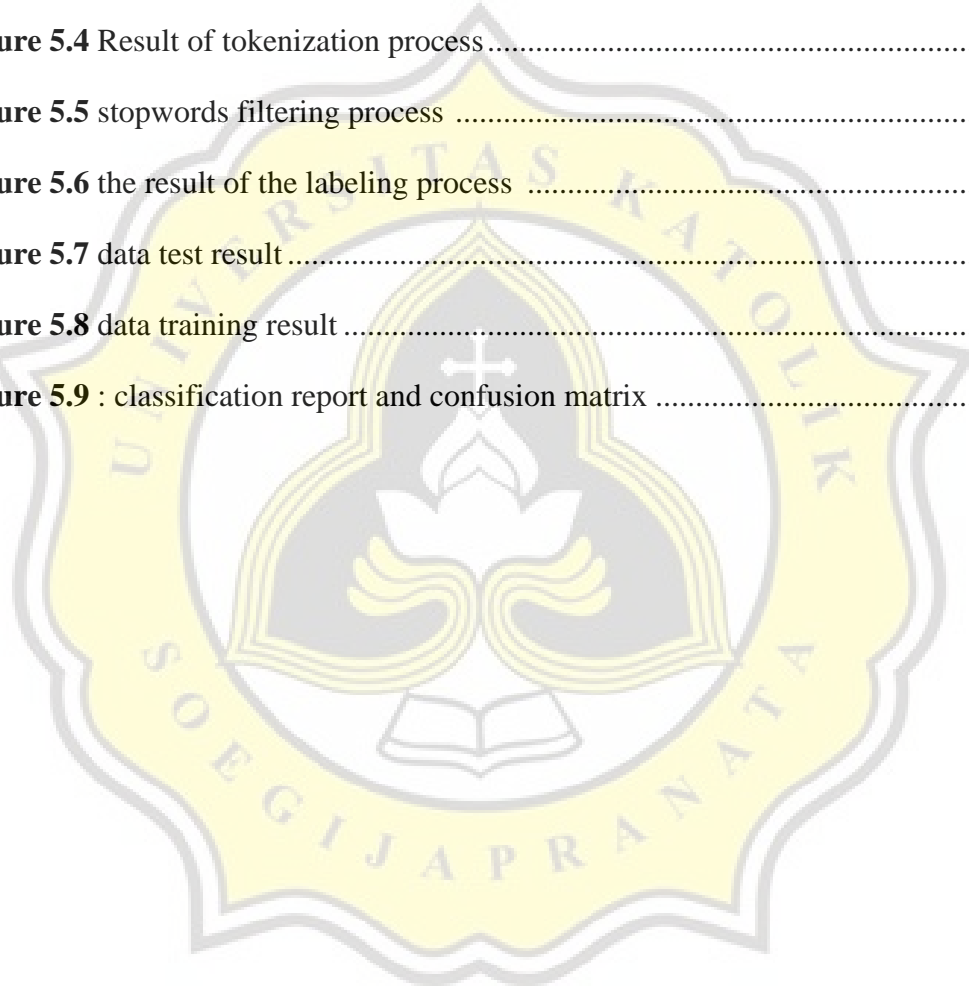
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