

CHAPTER 6

CONCLUSION

From this research, the results show that the vector space model algorithm and Naive Bayes can be used to analyze sentiment using data from Twitter. From the results that have been obtained from 3 schema, testing schemes with 80% training data and 20% testing data have higher results than other tests. This is due to the fact that more training data are used and have more samples to be tested. And if there is an imbalance of positive and negative training data, the calculation of accuracy, precision, recall and f1-score are not higher than training data which has a balanced data. As for which algorithm is better, these two algorithms have almost the same results. It's just that the Naive Bayes algorithm has a higher level of precision than the vector space model.

Maybe for further research, other algorithms can be used to compare and the data used, maybe besides Twitter, can also be used instagram comment or youtube comment. And another schemes for the testing section.

