**Chapter 8**

**Conclusion**

We achieve our aim of analyzing sentiment of text data by using Naïve Bayes (advanced) algorithms over the twitter data. In the part of *natural language processing* we use unigram approach, using which we get an accuracy of around 85%. This is really good considering the simplicity of the system. We have also included an extra class of *neutral* along with*positive* and *negative*; this is because the neutral class will classify the sentence which doesn’t have a particular opinion on the given subject, hence increasing accuracy of the system. The regular classification of positive, negative and neutral can be extended to include more emotions like happy, sad, angry, surprised, etc. This will be more helpful in understanding the actual emotion of the person/sentence. Our project can be further used in the fields of Artificial Intelligence and Speech Recognition which will help in future development of these fields and improve the accuracy of these fields.