Novelty of Project

① Build ensemble learning model to classify the polarity of any comment the three models the were build independently were
1) Naive Bayes gave 78% accuracy
2) Logistic Regression gave 82% accuracy
3) SVC classifier gave 84% accuracy
combined all to reach accuracy of 89%.

② Used count Vectorizer as well as Tf-idf Vectorizer to enhance the preprocessing of comments and improve accuracy of the models.

③ Analysed the n-any word coupling and found the 2-any word dictionary gave better results in this project.