Evaluation

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Group work statement: All group members were present and contributing during all work on this project

	accuracy	precision(pos)	precision(neg)	recall(pos)	recall(neg)	f-value(pos)	f-value(neg)
Naïve Bayes Classifier	0.71	0.64	0.98	0.99	0.40	0.78	0.57
Best Bayes Classifier	0.93	0.96	0.82	0.96	0.83	0.96	0.82

In our best Bayes classifier we use both unigrams and bigrams as features. Adding bigrams, however, makes our evaluations drop a little bit. Then we remove two keys when they have similar frequency percentage in both positive and negative dictionary. By doing so we succeed in removing emotionless words and thereby give positive/negative words greater weights.