

Appendix A: Results

Best Result

Below are the results from the *best* result output

Accuracy : [0.8125, 0.90625, 0.84375, 0.90625]

Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
installs = 3000.0	unfair : fair	=	9.9	: 1.0	
revSent = -17	unfair : fair	=	8.0	: 1.0	
installs = 30000.0	unfair : fair	=	4.7	: 1.0	
revSent = -10	unfair : fair	=	3.4	: 1.0	
countCapital = 9	unfair : fair	=	3.4	: 1.0	
avgRating = 4.256	unfair : fair	=	2.6	: 1.0	
avgRating = 3.987	unfair : fair	=	2.6	: 1.0	
avgRating = 4.522	unfair : fair	=	2.6	: 1.0	
avgRating = 4.424	unfair : fair	=	2.6	: 1.0	
revlength = 1210	unfair : fair	=	2.6	: 1.0	
None					
Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
installs = 3000.0	unfair : fair	=	9.5	: 1.0	
revSent = -17	unfair : fair	=	7.8	: 1.0	
installs = 30000.0	unfair : fair	=	6.2	: 1.0	
revSent = -10	unfair : fair	=	3.3	: 1.0	
countCapital = 9	unfair : fair	=	2.9	: 1.0	
adjectiveCount = 2	unfair : fair	=	2.7	: 1.0	
avgRating = 4.256	unfair : fair	=	2.6	: 1.0	
avgRating = 3.987	unfair : fair	=	2.6	: 1.0	
avgRating = 4.522	unfair : fair	=	2.6	: 1.0	
avgRating = 4.424	unfair : fair	=	2.6	: 1.0	
None					
Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
installs = 3000.0	unfair : fair	=	9.9	: 1.0	
revSent = -17	unfair : fair	=	7.9	: 1.0	
installs = 30000.0	unfair : fair	=	5.2	: 1.0	
countCapital = 9	unfair : fair	=	2.8	: 1.0	
installs = 3000000.0	fair : unfair	=	2.8	: 1.0	
revSent = -10	unfair : fair	=	2.6	: 1.0	
avgRating = 3.987	unfair : fair	=	2.6	: 1.0	
avgRating = 4.522	unfair : fair	=	2.6	: 1.0	
avgRating = 4.424	unfair : fair	=	2.6	: 1.0	
revlength = 1210	unfair : fair	=	2.6	: 1.0	
None					
Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
game. = True	unfair : fair	=	24.6	: 1.0	
consistent = True	unfair : fair	=	22.8	: 1.0	
charged = True	unfair : fair	=	22.8	: 1.0	
nuts = True	unfair : fair	=	22.8	: 1.0	
sold = True	unfair : fair	=	22.8	: 1.0	
deletes = True	unfair : fair	=	13.6	: 1.0	
age. = True	unfair : fair	=	13.6	: 1.0	
tv = True	unfair : fair	=	13.6	: 1.0	
(u'unknown', u'error') = True	unfair : fair	=	13.6	: 1.0	
factory = True	unfair : fair	=	13.6	: 1.0	
None					

Result with NLP Features like unigrams, bigrams and trigrams

Accuracy : [0.125, 0.03125, 0.125, 0.125]

Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
game. = True	unfair : fair	=	24.6	: 1.0	
consistent = True	unfair : fair	=	22.8	: 1.0	
charged = True	unfair : fair	=	22.8	: 1.0	
nuts = True	unfair : fair	=	22.8	: 1.0	
sold = True	unfair : fair	=	22.8	: 1.0	
deletes = True	unfair : fair	=	13.6	: 1.0	
age. = True	unfair : fair	=	13.6	: 1.0	
tv = True	unfair : fair	=	13.6	: 1.0	
(u'unknown', u'error') = True	unfair : fair	=	13.6	: 1.0	
factory = True	unfair : fair	=	13.6	: 1.0	
None					
Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
consistent = True	unfair : fair	=	19.6	: 1.0	
charged = True	unfair : fair	=	19.6	: 1.0	
(u'great', u'app', u'!') = True	unfair : fair	=	19.6	: 1.0	
nuts = True	unfair : fair	=	19.6	: 1.0	
why. = True	unfair : fair	=	19.6	: 1.0	
viruses = True	unfair : fair	=	19.6	: 1.0	
lock = True	unfair : fair	=	19.6	: 1.0	
sold = True	unfair : fair	=	19.6	: 1.0	
virus = True	unfair : fair	=	16.4	: 1.0	
contains("virus") = True	unfair : fair	=	16.4	: 1.0	
None					
Train Data					
=====					
291					
Test Data					
=====					
32					
Most Informative Features					
game. = True	unfair : fair	=	22.2	: 1.0	
consistent = True	unfair : fair	=	20.5	: 1.0	
charged = True	unfair : fair	=	20.5	: 1.0	
nuts = True	unfair : fair	=	20.5	: 1.0	
(u'great', u'app', u'!') = True	unfair : fair	=	20.5	: 1.0	
why. = True	unfair : fair	=	20.5	: 1.0	
viruses = True	unfair : fair	=	20.5	: 1.0	
admin = True	unfair : fair	=	20.5	: 1.0	
secure = True	unfair : fair	=	20.5	: 1.0	
lock = True	unfair : fair	=	20.5	: 1.0	
None					