Naieve Bayes	Attributes	Train Acc	Test Acc	Train F1	Test F1
Model 1	stock	0.504648	0.357143	0.215321	0.106787
Model 2	alpha=1, fit_prior=False	0.592141	0.230769	0.264435	0.096355
Model 3	alpha=.5, fit_prior=True	0.623306	0.238866	0.277766	0.102387
Model 4	alpha=.9, fit_prior=True	0.582656	0.311741	0.233757	0.12718
Model 5	alpha=.85, fit_prior=True	0.584011	0.315789	0.235356	0.129129
Random Forest	**Attributes**	**Train Acc**	**Test Acc**	**Train F1**	**Test F1**
Model 1	stock	1	0.309524	1	0.152874
Model 2	max_depth=10, n_estimators=100	0.405149	0.319838	0.144597	0.123413
Model 3	max_depth=15, n_estimators=100	0.398374	0.323887	0.141579	0.124774
Model 4	max_depth=20, n_estimators=100	0.631436	0.311741	0.29952	0.123193
Model 5	max_depth=20, n_estimators=100	0.903794	0.319838	0.725105	0.134168
Spacy (LinearSVC)	**Attributes**	**Train Acc**	**Test Acc**	**Train F1**	**Test F1**
Model 1	stock	1	0.2777777778	1	0.1700779727
Model 2	CountVectorizer: ngram_range=(2	0.9972899729	0.2672064777	0.9986190978	0.1377873647
Model 3	dual=False	0.9972899729	0.2793522267	0.9986190978	0.1750322648
Model 4	tol=1e-1, dual=False, max_iter=20	0.9620596206	0.3036437247	0.9606747483	0.1851447276
Model 5	tol=1e-1, C=.5, dual=False, max_it	0.9593495935	0.2995951417	0.9608486492	0.1826012218

Dummy	Test Acc	Test F1
Model 1	0.210526	0.123424

Random Pred:
14.29%