

YouTube Data set results

SVM Model Results:

Features Used	SVC		LinearSVC		NuSVC	
	Precision	Recall	Precision	Recall	Precision	Recall
Audio & Text	0.55	0.54	0.55	0.48	0.25	0.37
Audio	0.32	0.50	0.46	0.44	0.32	0.50
Text	0.45	0.43	0.43	0.39	0.48	0.48

Random Forest Classifier Model Results

Features Used	RandomForestClassifier		ExtraTreesClassifier		DecisonTreeClassifier	
	Precision	Recall	Precision	Recall	Precision	Recall
Audio & Text	0.31	0.37	0.46	0.43	0.50	0.33
Audio	0.45	0.48	0.51	0.54	0.40	0.43
Text	0.41	0.41	0.55	0.52	0.39	0.39

Logistic Regression Model Results

Features Used	Logistic Regression	
	Precision	Precision
Audio & Text	0.48	0.46
Audio	0.45	0.41
Text		

Neural Network Results:

Features Used	RNN	
	Accuracy	Test Score
Audio & Text	0.69	0.62