Algorithm Results

Algorithm Model	System Problem	Features Before	Accuracy Score Before	Added Features	Accuracy Score Before	Any changes YES/NO	Reason
Logistik Regression	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.987588652	screen_name', 'fav_number','Year', 'Month', 'Time'	0.991134752	Yes	Increases the accuracy by 1
Support Vector Machine							
Kernel : Poly		Out of Memory	Out of Memory	Out of Memory	Out of Memory	Out of Memory	
Kernel : Linear	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.989361702	screen_name', 'fav_number','Year', 'Month', 'Time'	0.989361702	No change	
Kernel : rbf	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.783687943	'screen_name', 'fav_number','Year', 'Month', 'Time'	0.528368794	Yes	The score seems to worsen
XGBoost	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.99822695	'screen_name', 'fav_number','Year', 'Month', 'Time'	0.991134752	Yes	Accuracy is dropped by minimal
Decision Tree Classifier	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.992907801	'screen_name', 'fav_number','Year', 'Month', 'Time'	0.987588652	Yes	Accuracy is dropped by minimal
Random Forrest Classifier	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.99822695	'screen_name', 'fav_number','Year', 'Month', 'Time'	0.996453901	Yes	Accuracy is dropped by minimal
Gradient Boosting Classifier	No	statuses_count','followers_count','friends_count','favourites_count','listed_count'	0.99822695	'screen_name', 'fav_number','Year', 'Month', 'Time'	0.996453901	Yes	Accuracy is dropped by minimal
K-nearest neighbours	No	statuses_count', 'followers_count', 'friends_count', 'favourites_count', 'listed_count'	0.969858156	Year','id'	0.973404255	Yes	Increases the accuracy by 1. Moreover the variables (features before) were label encoded what gave the accuracy of 96