

Model	Accuracy Score			
	Same Day		No Same Day	
	Training	Validation	Training	Validation
Logistic Regression- lbfgs, restricted features *	0.39208	0.37146	0.40754	0.38645
Logstic Regression - lbfgs, all features	0.38579	0.39237	0.41541	0.37516
Logistic Regression - liblinear, all features	0.38579	0.39483	0.40369	0.37641
Naïve Bayes	0.23880	0.26568	0.33626	0.34003
Linear SVC	0.24918	0.36162	0.27247	0.24467
SVC	0.39071	0.40590	0.42099	0.44668
kNN	0.36885	0.39606	0.39698	0.41656
Random Forest	0.46940	0.47109	0.47571	0.48557
Light GBM	0.45027	0.46740	0.48130	0.47679

* Features Included: Rescuer ID, pet age, first breed classification, amount of photos

** Kaggle PetFinder Leadboard Winning Accuracy 0.45338