

b). The error I got after implementing the RandomClassifier is 0.485 as expected.

c). The training error for DecisionTreeClassifier is 0.014.

d). The training error for KNeighborsClassifier for $k=3, 5, 7$ are 0.167, 0.201, 0.240

e). Avg training and testing errors :

	Training error	Testing error
MajorityClassifier:	0.4038	0.4073
Random Classifier :	0.4890	0.4866
DecisionTreeClassifier:	0.0115	0.2408
KNeighborsClassifier:	0.2124	0.3149

f). The best k value is 7, which has about 30% cross-validated error: