```
Plotting...
Classifying using Majority Vote...
        -- training error: 0.404
Classifying using Random...
        -- training error: 0.485
Classifying using Decision Tree...
        -- training error: 0.014
Classifying using 3 k-Nearest Neighbors...
        -- training error: 0.167
Classifying using 5 k-Nearest Neighbors...
        -- training error: 0.201
Classifying using 7 k-Nearest Neighbors...
        -- training error: 0.240
Investigating various classifiers...
MajorityVote: -- training error: 0.404  -- testing error: 0.407
Random: -- training error: 0.489        -- testing error: 0.487
DecisionTree: -- training error: 0.012  -- testing error: 0.241
K-Nearest: -- training error: 0.212     -- testing error: 0.315
Finding the best k for KNeighbors classifier...
Investigating depths...
Investigating training set sizes...
Done
```