errors for data with different methods

|            | SVM   | KNN   | LogReg | DecTree | RandForest |
|------------|-------|-------|--------|---------|------------|
| data1      | 0.017 | 0.083 | 0.09   | 0.297   | 0.088      |
| data2      | 0.064 | 0.066 | 0.095  | 0.278   | 0.084      |
| data3      | 0.07  | 0.106 | 0.023  | 0.3     | 0.093      |
| data4      | 0.059 | 0.105 | 0.112  | 0       | 0.077      |
| data5      | 0.063 | 0.102 | 0.097  | 0.266   | 0          |
| Test data  | 0.072 | 0.108 | 0.128  | 0.38    | 0.1        |

Voted Prediction Error: 0.08199999999999996

We can see that the prediction error with the voted method is lower than all methods except SVM. The lowest values are in a diagonal which correlates to the data sets used for training each type of model. Overall it does seem like bagging helps. This particular data set might just work better with SVM but our voting method works better then the other 4 models.