Tables

Classifier Accuracies

Name	Train Acc	Test Acc	Training Time (s)
Naive	N/A	0.503	N/A
Naive Bayes	0.928755	0.921147	1.991028
Logistic Regression	0.381167	0.179848	27.565424
Multi Layer Perceptron	0.995300	0.980578	205.426692

Classifier Accuracies With Exponential Weight Average

Name	Train Acc	Test Acc	Training Time (s)
Naive	N/A	0.503	N/A
Naive Bayes	0.509064	0.480931	3.057993
Logistic Regression	0.644224	0.549497	9.519293
Multi Layer Perceptron	0.631282	0.550324	94.123732
Linear SVM	0.651384	0.546055	7763.100464
RBF Kernel SVM	0.594796	0.534215	900.279755
Nearest Neighbors	0.693240	0.494699	3.032050
Decision Tree	0.505852	0.494148	0.209065

Classifier Accuracies With Season Averages

Name	Train Acc	Test Acc	Training Time (s)
Naive	N/A	0.503	N/A
Naive Bayes	0.541690	0.527728	0.094646
Logistic Regression	0.545323	0.531553	1.591043
Multi Layer Perceptron	0.546131	0.533656	14.179665
Linear SVM	0.541945	0.536780	1372.157378
RBF Kernel SVM	0.651970	0.530469	353.081090
Nearest Neighbors	0.699439	0.505099	0.286905
Decision Tree	0.539756	0.528429	0.123783

Classifier Accuracies With Season Averages and Players

Name	Train Acc	Test Acc	Training Time (s)
Naive	N/A	0.503	N/A
Naive Bayes	0.516747	0.502382	1.739887
Logistic Regression	0.639606	0.532525	7.985855
Multi Layer Perceptron	0.622756	0.540605	68.109999
Linear SVM	0.645028	0.528486	14092.329694
RBF Kernel SVM	0.584807	0.545163	1793.550069
Nearest Neighbors	0.695235	0.504454	3.931452
Decision Tree	0.501381	0.500104	0.206842