

Report for the Second Requirment

Experiment 1 training set size : 30% Mean Accuracy : 0.9706555671175859 Max Accuracy :0.9791883454734651 Min Accuracy :0.959417273673257 Mean Tree Size :33.0 Min Tree Size :27 Max Tree Size :41

Experiment 2 training set size : 40% Mean Accuracy : 0.9718446601941746 Max Accuracy :0.9769417475728155 Min Accuracy :0.9660194174757282 Mean Tree Size :37.8 Min Tree Size :31 Max Tree Size :43

Experiment 3 training set size : 50% Mean Accuracy : 0.9737609329446064 Max Accuracy :0.9941690962099126 Min Accuracy :0.9591836734693877 Mean Tree Size :38.2 Min Tree Size :33 Max Tree Size :43

Experiment 4 training set size : 60% Mean Accuracy : 0.9777777777777779 Max Accuracy :0.9890710382513661 Min Accuracy :0.9672131147540983 Mean Tree Size :45.0 Min Tree Size :41 Max Tree Size :53

Experiment 5 training set size : 70% Mean Accuracy : 0.9815533980582524 Max Accuracy :0.9927184466019418 Min Accuracy :0.9757281553398058 Mean Tree Size :49.4 Min Tree Size :43 Max Tree Size :57