3.
Decision Tree
(Setting minimum impurity decrease to 0.01)

X[3] <= 0.8
gini = 0.667
samples = 150
value = [50, 50, 50]

gini = 0.0
samples = 50
value = [50, 0, 0]

X[3] <= 1.75
gini = 0.5
samples = 100
value = [0, 50, 50]

X[2] <= 4.95
gini = 0.168
samples = 54
value = [0, 49, 5]

gini = 0.043
samples = 46
value = [0, 1, 45]

X[3] <= 1.65
gini = 0.041
samples = 48
value = [0, 47, 1]

gini = 0.444
samples = 6
value = [0, 2, 4]

gini = 0.0
samples = 47
value = [0, 47, 0]

gini = 0.0
samples = 1
value = [0, 0, 1]
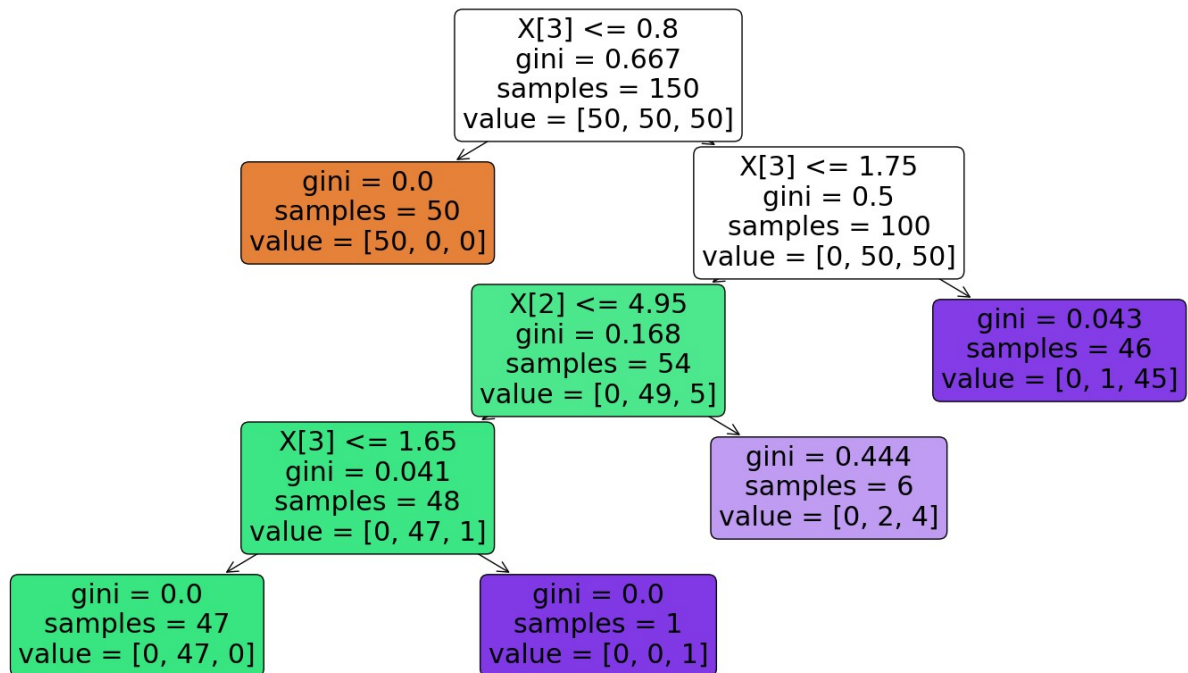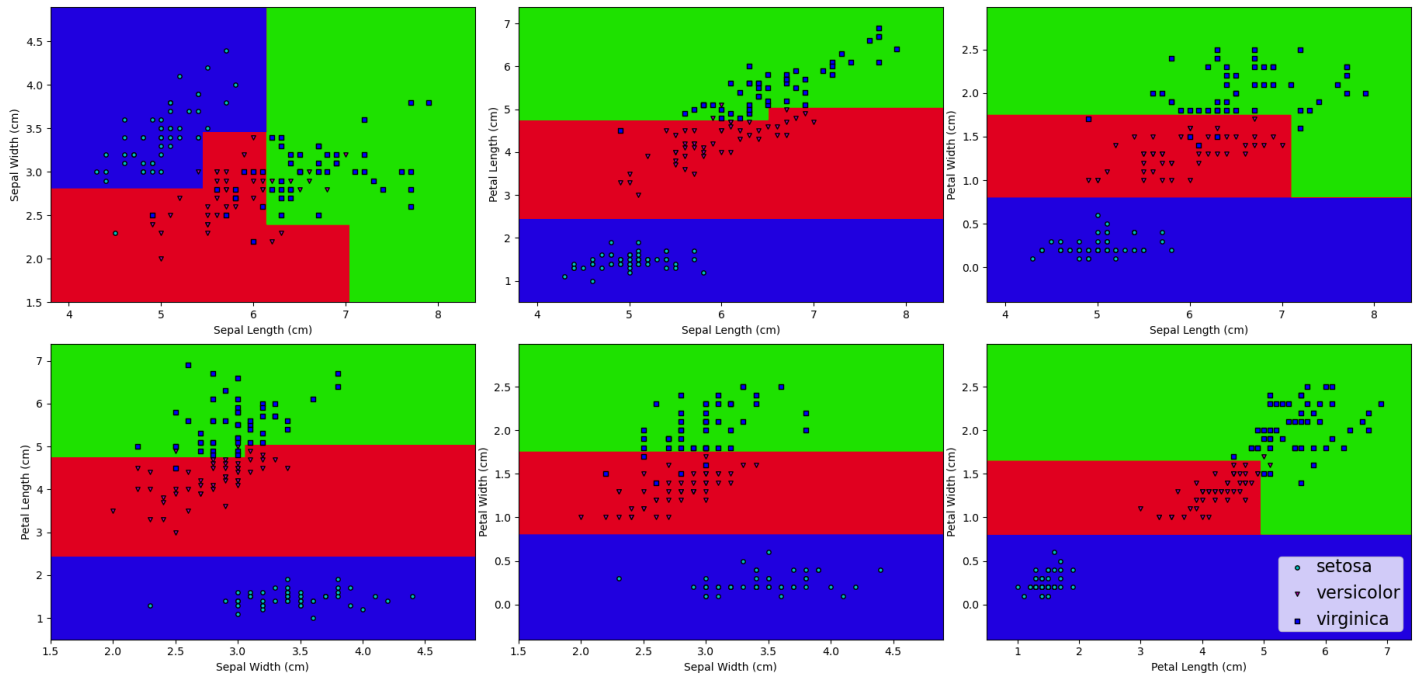
Random Forrest Classifier: 93.3% Accuracy which is much lower than the 100% accuracy seen with the Naive Baye's Classifier in 1.4