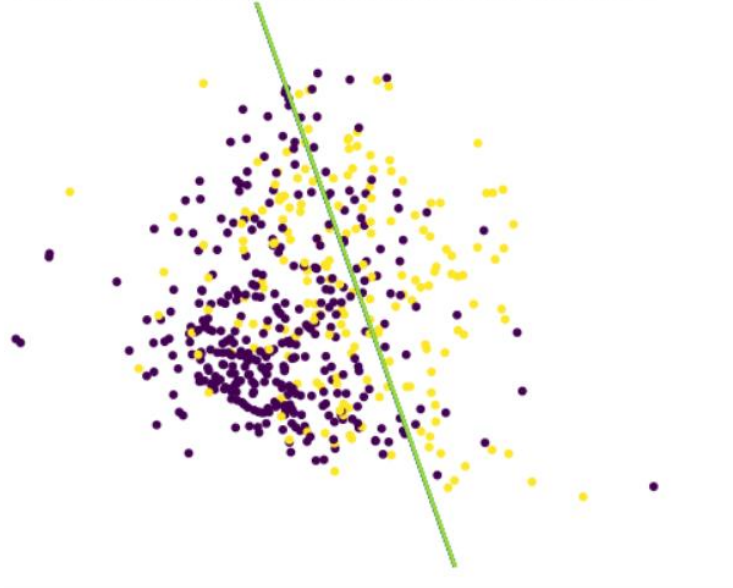


## Report for Principal Component Analysis

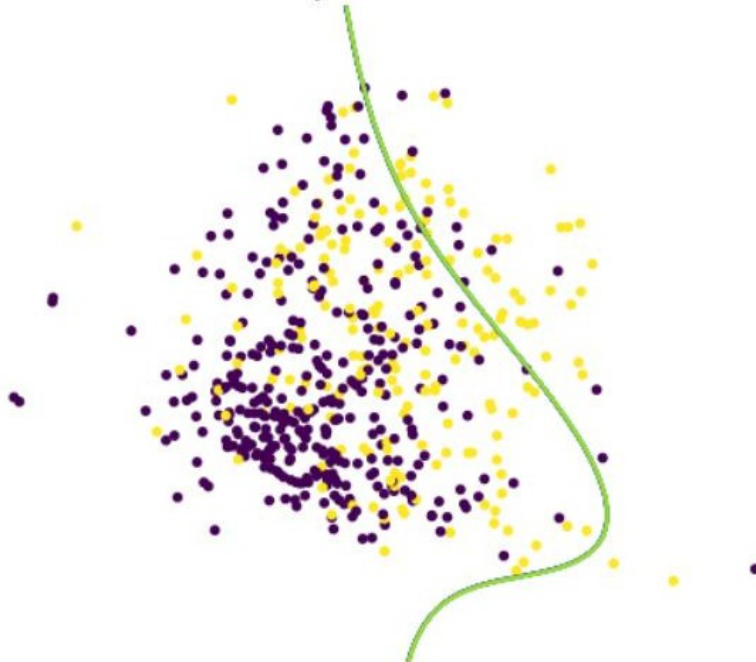
Graph for SVM classifier with linear kernel:

SVM Classifier with Linear Kernel Decision Surface



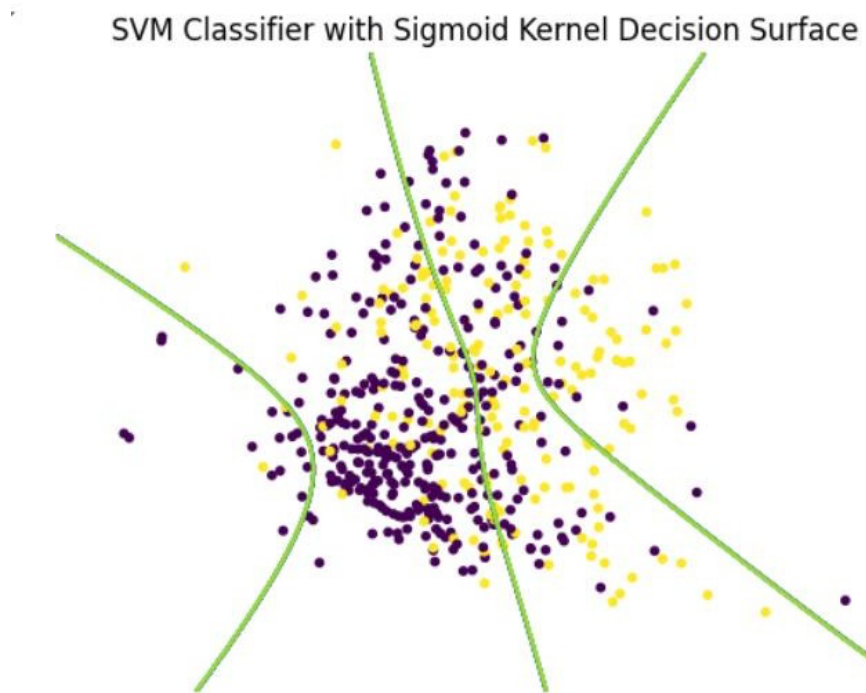
Graph for SVM classifier with polykernel :

SVM Classifier with Polynomial Kernel Decision Surface

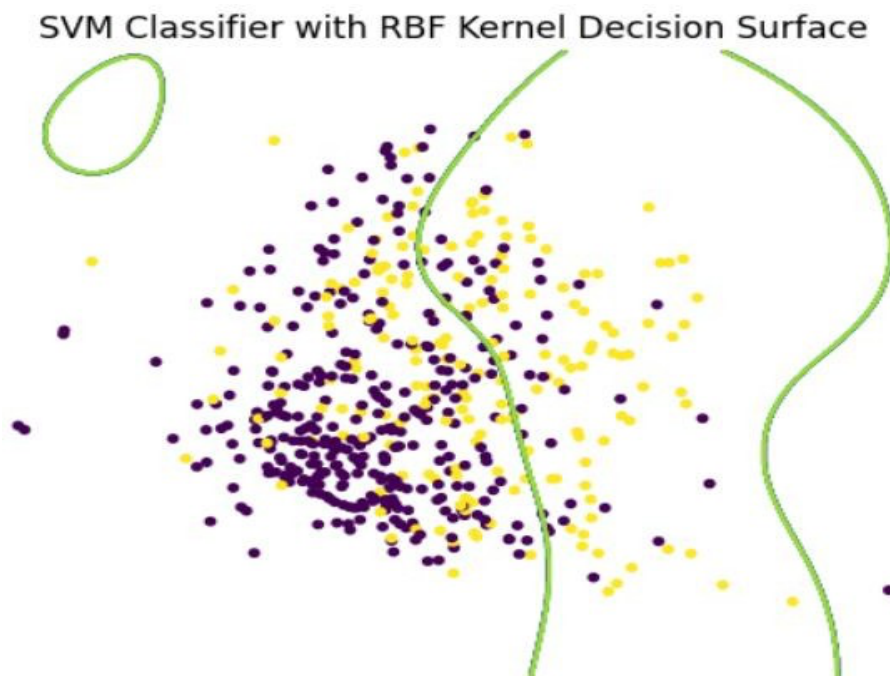


Graph for SVM classifier with sigmoid

kernel:



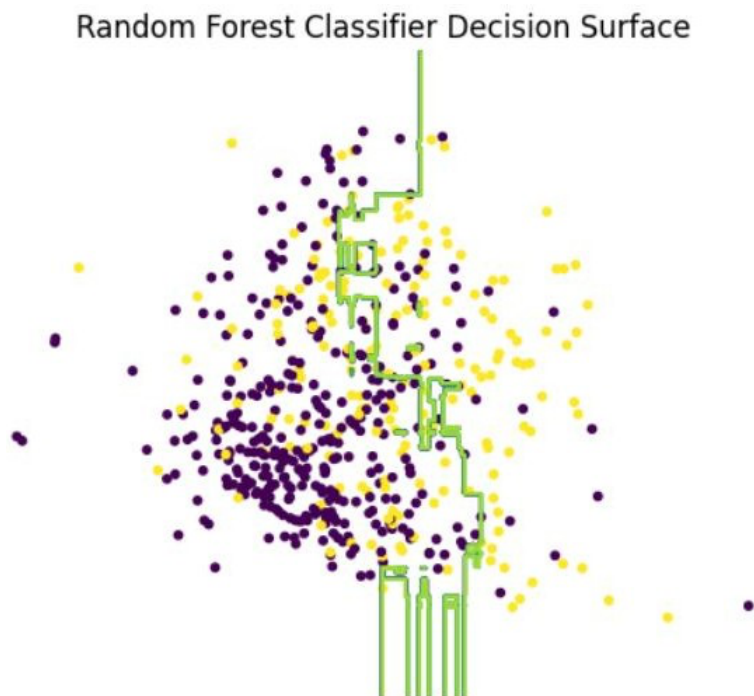
Graph for SVM classifier with rbf kernel:



Graph for Decision Tree classifier:



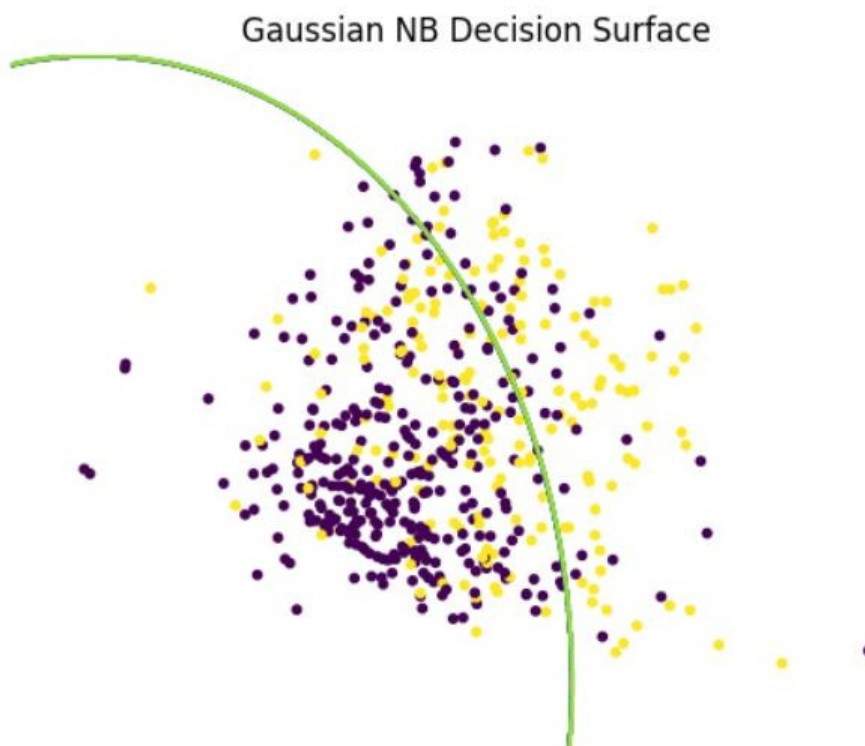
Graph for Random forest  
classifier:



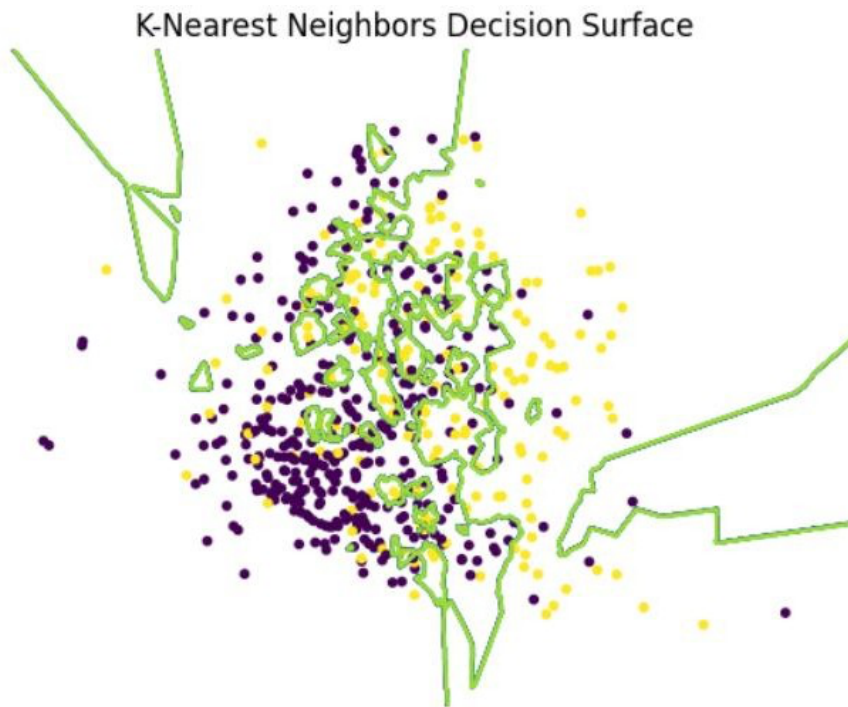
Graph for Logistic regression:



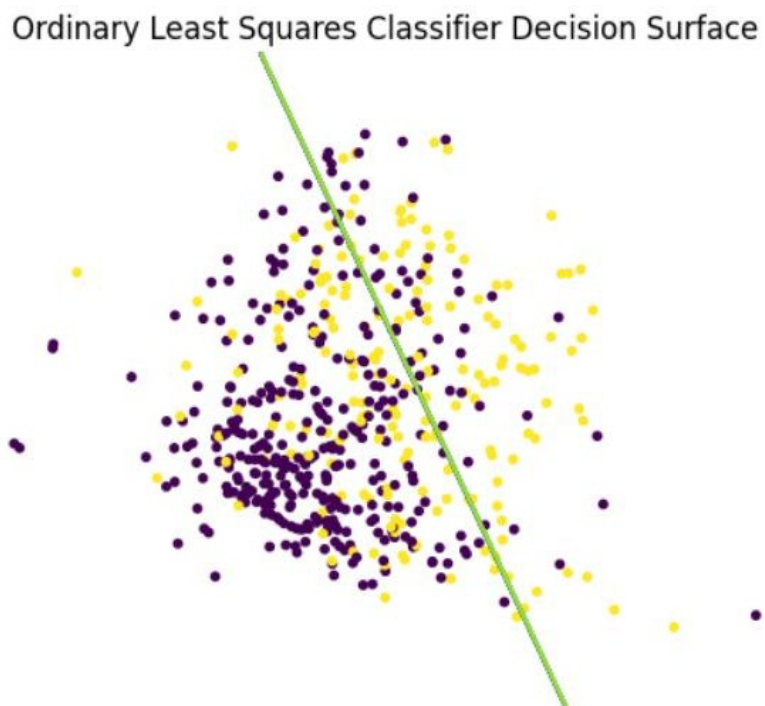
Graph for Naïve Bayes:



Graph for K Nearest Neighbors:

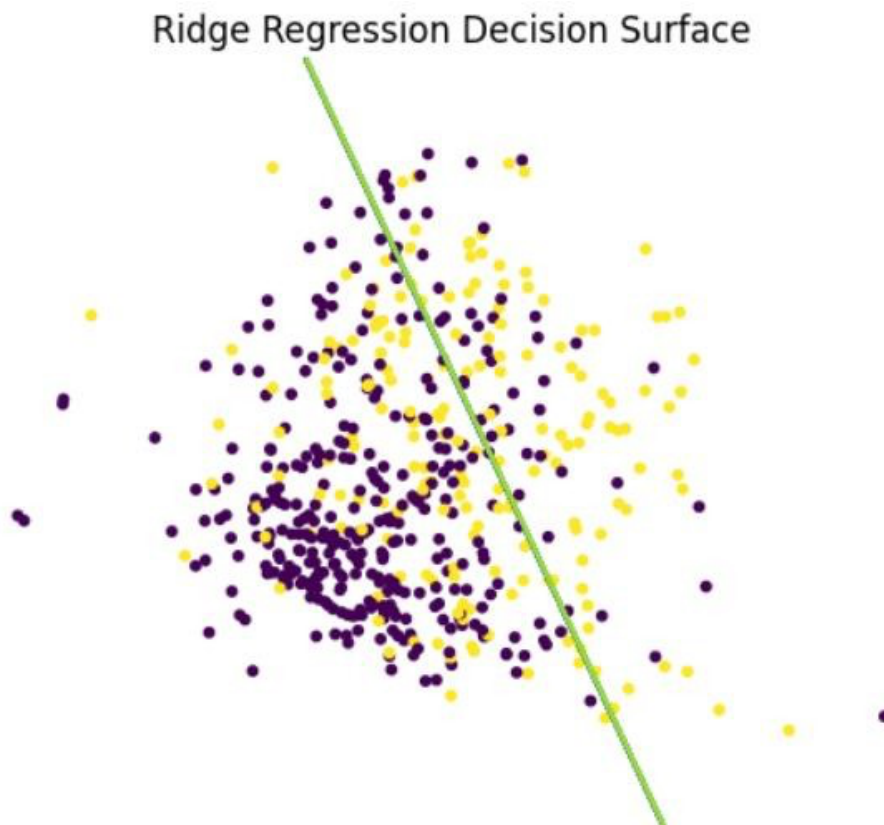


Graph for Ordinary least squares  
classifier :





Graph for Ridge regression:



Graph for Lasso Regression:

