1. Payday Loans are high risk short term lending financial products and its very important to asses risk of payment default. Use dataset "paydayloan_collections.csv" to build a model whether repayment will be successful or not.

Problem Statement

Break the dataset into test and train data. Use RandomForest and DecisionTress to build your model on train data and compare their performance on test data.

2. Counterfeit medicine are fake medicines which are either contaminated or contain the wrong or no active ingredient. They could have the right active ingredient but at the wrong dose. Counterfeit drugs are illegal and are harmful to the health. 10% of the world's medicine is counterfeit, problem is even worse in developing countries .Up to 30% of medicines in developing countries are counterfeit Millions of pills, bottles and sachets of counterfeit and illegal medicines are being traded across the world The World Health Organization (WHO) is working with International Criminal Police Organization (Interpol) to dislodge the criminal networks raking in billions of dollars from this cynical trade. Despite all these efforts , counterfeit medicine selling rackets don???t seem to stop popping here and there. It has become a challenge to deploy resources to counter these; without spreading them too thin and eventually rendering them ineffective. Government has decided that they should focus on illegal operations of high net worth first instead of trying to control all of them. In order to do that they have collected data which will help them to predict sales figures given an illegal operation's characteristics.

Problem Statement

Use dataset "base_data.csv" to build a model.Variable names are self explanatory.Your task here is to build predictive model for predicting sales figures given other information related to counterfeit medicine selling operations.Use RandomForest and DecisionTress to build your model on train data and compare their performance on test data. Also get the variable importance plot for the model.