

Table of Techniques

Algorithm/Technique Used	Routine/Library called
Information Gain(census_ig.R file)	Coding line: rpart(V15~.,train, method="class", parms = list(split = 'information')) Library used primarily to analyze: rpart Libraries used in the code: library(caret) library(rpart.plot) Important Function calls: set.seed(10) predict confusionMatrix table
GINI Index(census_gini.R)	Code Line: rpart(V15~.,train2, method="class") Library used primarily: rpart Libraries used in the code: library(caret) library(rpart.plot) Important Function calls/Functions used: set.seed(10) predict confusionMatrix table
Naives Bayes(census_nb.R)	Coding Line: naive_bayes(V15 ~ .,data=train) Library used primarily: naivebayes Libraries used in the code: library(naivebayes) library(dplyr) library(ggplot2) library(psych) library(caret) Important Function calls: set.seed(10) predict confusionMatrix table