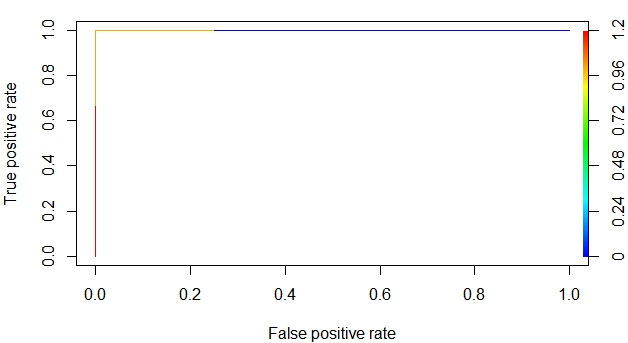


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| --- |
| MODEL-INFERENCE  Residual deviance is less than null deviance and AIC value is less, hence it is the best model |





PYTHON CODE

import pandas as pd

import numpy as np

from sklearn.linear\_model import LogisticRegression

from sklearn import metrics

from sklearn.model\_selection import cross\_val\_score

from sklearn.preprocessing import StandardScaler

election\_data=pd.read\_csv("C:/Users/USER/Desktop/logistic\_reg/election\_data.csv")

election\_data1=election\_data.iloc[1:,[1,0,2,3,4]]

x=election\_data1.iloc[:,1:]

y=election\_data1.iloc[:,0]

model=LogisticRegression()

model=model.fit(x,y)

model.score(x,y) #####accu=0.9

model.coef\_

np.exp(model.coef\_)#####we will get coeff values