import pandas as pd

data=pd.read\_csv("Admission\_Predict.csv")

from sklearn.preprocessing import Binarizer

limit = Binarizer(threshold=0.75)

data["Chance of Admit "] = limit.transform(data[["Chance of Admit "]])

data

inputdata = data.drop(["Chance of Admit "], axis = 1)

inputdata

outputdata= data["Chance of Admit "]

outputdata

outputdata.astype(int)

from sklearn.model\_selection import train\_test\_split

xtrain, ytrain, xtest, ytest = train\_test\_split(inputdata, outputdata, random\_state=0, test\_size=0.25)

from sklearn.tree import DecisionTreeClassifier

classifier = DecisionTreeClassifier(random\_state=0)

classifier.fit(xtrain,xtest)

predicted = classifier.predict(ytrain)

from sklearn.metrics import ConfusionMatrixDisplay, classification\_report

ConfusionMatrixDisplay.from\_predictions(ytest,predicted)

print(classification\_report(ytest,predicted))

pd.DataFrame({"Actual" : ytest, "Predicted" : predicted})  
  
NOTE: All codes needed to be executed in separate blocks