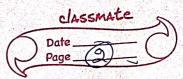


	Write a program to implement the naive Bayesian
<u> </u>	Mrite a program to impressing dataset stored as classifier for a sample training dataset stored as
	classifier for a sample trossifier of the classifier
	CSV file Company
	considering few test data sets
	import pandas as pd
	from Aklearn, model selection import train-text-split
	from Aklearn import metrics.
	The state of the second
	d== pd. read_csv ("pima_indian.esv")
	Lead not cal same = "numpreg", que al cone,
	'diastolic_bp', 'thickness', 'insulin', 'bmi',
	'diab-pred', 'age']
	predicted classnames = ['diabetes']
	x = df [feature col names] values
	y = of [predicted_class_names].values
	The state of the s
	print (df. head)
	xtrain, xtest, ytrain, ytest = train-test split
	(2, y, test size = 0.33)
	a model did to me of he did not
	print ('The total number of training Data;',
	ytrain shape)
	print ('The total number of Test Datas',
	y-lest. shape)
	J = 3 = 73.11 = p =)
	Uf = (joussian NBC). fit (xtrain, ytrain. ravel)
	predicted = Uf. predict (xtest)
	predict Test Data = Uf. predict ([6, 148,72,35,0,
	33.6,0.627,50]
	o - (') - 100d
	print ('In confusion matrix')



and the second	
	print (metrics. confusion matrix (ytest, predicted))
	print ("Accuracy of the classifier is à ', metrics, accuracy score (ytest, predicted))
	print ("The value of precision", metrics, precision. score (ytest, predicted)
	print ("The value of Recall", metrice recall score (yfest, predicted)
	print ("predicted value: , predictest Data).
	Output:
	Le production motorix [[139 20] [44 51]]
	Accuracy of the classifies is: 0.748031
	The value of precision: 0,71830985 The value of Recall & 0.536842
	prédicted value à [1].