MET Bhujbal Knowledge City Institute of Technology- Polytechnic Adgaon, Nashik- 422 003.

	Adgaon, Nashik- 422 003. Date:
	Practical No. 8.
	IZUCHICO! (VO. O.
	Asm: To implement the Naive Boyes clussification
	algorithm using python on a real-world dutatet
10 m	de producte it preformance
	Input: 1 Tris datatet
	2) Turget . Species of flower
	output: Accuracy
	classification report: Mecision
	Recall
	f,-score
	Support Contraction
-	
-	Theory:
-	는 것들은 일반에 살아왔다면 함께 맞게 있었다면 가게 되었다면 가게 되었다면 하는데 이 사람들이 되었다면 하는데
11.	Naive Boyes is a phobablistic classifies based on
	1000 11 0000 m . (1-1)
7	is accepted all invite geotales one market
	all other which remain happens in real outer
- April 19	1) 100 (mpling 1) 100 8 4 (VMS) 1 /+ 1/6 2 7 CEM
	remarkable well in practice, especially in text Classification spam detection, & sentimen 2 lonalysis
	Classification snow detection, & sentimen 1 Conalysis
and the second	CI 0151/41 CO 1011
- American delicary	

Baye's Theorem:
sive probably plays from price problem
rive probabling plats) from price problem
p(B), & * (B)
121.0.10
P(AIB) - P(BIA) .P(A)
PCB)
where:
p(A(B) is the poseterior probability
P(BIA) is the likehood
P(A) is prior probability of A
P(B) is the prior probability of B.
1 to proc proporting 9 s.
Types of Naive Bales:
1) Gauston Noive Bares -
Assume that features follows normal dilte
Assume that features follows premal dilté
2) Multinominal Naise Buyes- sustable for descrete data set as word con
su Hable for descrete data tes as word con
text classification
A Maria Company of the American State of the
3 pemouli Naire Byes-
peals with binary / boblean features It Presence or absence of features
Presence de abjence of features

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Date:

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	Algorithm:
	The state of the control of the cont
	[S10p-1]: Stoet
	(step 2) : Load the dataset
Trade.	(ctora) (ali) the duty to training & testiny sets.
	Step 4): Train the Nuiro Ruyes classifies.
	Step 4): Train the Nuiro Rayes classifies. [Step 5]: prodict Using the test tet [Step 6]: Evaluate the model Using accuracy.
	(step 6): Evaluate the model Using accuracy.
	clossification report
Y	
	Conclusion:
	- 11 all 120 au 80 21114 11114 11114
14. A	the value Bayes dousification Algorithm using the
	The indive Bayes adjustication injurity accurrency.
7	offertive for simple classification problems
	although it attumes features dependence, it atill Although it attumes features dependence, it atill Although it attumes features dependence, it atill
	restume well in many year - worker appearance.
	perfuent will in many year-world apprications. Jue to its officially frame of use

flowcholt: Shet Load the Iris detatet Sprit into Train & Ters Train Gaussian Nuive Buyes predict Test Duta result Evaluate with accuracy & classification repush