

	EXP NO: 11 - IMPLEMENTATION OF DECISION TREE CLASSIFICATION
	CELOPACINA OF CHA. PRODUCE CELEBRATION OF WORLD AND AND AND AND AND AND AND AND AND AN
	ASM: Camitations a string
	To implement a decision tree classification technique for
	gander closeitication using python.
	Total Total
	ALGORITHM:
1)	Import the pecision tree clamifior from exceentive
2)	snitializa the classifier cut as an instance of Docision Traclassifica
5)	Define yesture data x (height, weight, shoe, size) and lobele y
	Type III III III III III III III III III I
4) -	fit the classifier clf to the doto x and y using elf tit(x1
	totus for continuity is included to the second
5)	use elf-product() to make gorden productions for given
	teature set
67	Print the prodictions.
	the China Control of the Control of
	COPE :
	from ekicorn import tree
	elf = troe. Docision Troodsonifion()
	x = [[180,80,91], [182,90,92], [183,4100,92], [184,200,93],
	[185, 300, 94], [186, 400, 95], [187, 500, 96], [189, 600, 97],
	[190,700,98], [191,800,99], [192,900,100]]
1	
	y = l'maje, male, jernale, male, jernale, male, jernale,
	male; 'male', 'tamole', 'male']
	TIME TO THE TOTAL PROPERTY OF THE TOTAL PROP
	W - CH Lit (XIV)
	cy = cy - tit (xy)

prodictions = elf. predict ([[121,80,91]]) pradiction m = clf. prodict ([[183, 100, 92]]) print (prodiction t) print (prodiction m) OUTPUT: ['male'] [' formate'] REQULT: thus the implamentation of decision tree clossification technique for gordon clossification is successfully executed.