PRAJWAL BALCAL 4 MTIGCSOGO

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1	Juplement & demonstrate the FIND-3 algorithm							
	for fainding the most specific hypothesis							
	based on a set of training data samples							
	Read the training data from a csv file.							
1	ministration of the second of							
Time	from pandas impost DataFrame							
	dala = DalaFrame. from - CSV C'C:/vivis/tot							
	lenovo/Desktop/4MTIGCS060-Projond							
	/ enjoyspot.csv,'s')							
	Column Leugth = data - shape [1]							
	print (dala)							
	h = ['O'] * (Colemn Leugth -1)							
	hp = EJ							
	hu = []							
	for training Example in data values:							
	if beauing Example [-1]!='no':							
	up. abbend (list (training Example))							
	elee:							
	hn-affend (list (training Example))							
	Box i in rouge (len (hb)):							
	for j in range (colemn 2 ength -1):							
	if (u [i] = = 'o'):							
	$h \Sigma j 7 = h p \Sigma i J \Sigma j J$							
	if (u Ej]!= hb [i] Ej]:							
	n [] = '?'							
U	ARUN'S —							

PAGE NO : DATE : EXP.NO. : 1 elle: u Ej] = hp Ei] [j]: HEJJ2174 che? print ("In The Positive hypothesis one: ", 4p) print ("In The negative hypothesis are: ", hn)
print ("In The maximally specific hypothesis is: ", h) ARUN'S

The same same and									
oetput:									
SL. NO	sky	Air Temp	Humidity	lavica	water	Porecost	Ewjoy		
3333	1	Mary 18	man a	المح وال	Built		opot		
1	Surry	meon	normal	Strong	meoco	Same	les		
2	Sung	nueow	righ	Strong	meon	Some	Les		
3	Rainy	Cold	high	strong	moren	change	No		
4	Sumy	nucoes	high	Strong	Cool	change	Yes		
Malana	(100)	V83 _ NO	J. mus	PoloF	= 5/2	b			
Light Loss 20 DITM & dellas overest									
The positive hypothesis are:									
[['Suny', 'warm', 'normal', 'strong', 'warm'									
(same ', 1 yes '],									
['sey', 'unese', 'prorts', 'ulgu', 'meou', 'sami, 'yes']									
['Suny', 'wown, 'high', 'strong', 'cool', 'change', 'yer']									
The regalive Mypotheris ore:									
CONTRACTOR OF THE PARTY OF THE						* . 0			
[['rainy', 'cold', 'high', 'strong', 'woun', 'change', 'no']									
(no.1)									
The maximally sheeific hypotheris is:									
THE MEANS WHEN TO PROPERTY OF THE POST OF									
['sunny', cwam', '?'. strong', '?', '?']									
-									