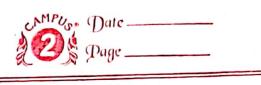
Ti-	
6	Rize Color Shale Class/Label
(6)	Big Red Circle NO
	Small Red Triangle NO
	Small Red Circle Yes
2 1	Big Blue Circle No Small Blue Circle Yes
vit	Candidak Glimination &
	Initialize most specific So & general Go
	Initialize most efecific S. & general G. hypothesis
	3
e line	So: LP, P, P > Go: L???
	Iteration 1:- As this example is negative
A 5. (1)	Iteration 1:- As this example is negative so we will do nothing with s. and check G. whether it is consistent
	not not
	S.: 20, 0, 0> G.: 2 Small, ?.?>
	27 Blue, ?>
	22,7, Touque>
	V salest of verifical last the second of the
	Iteration 2 %- Again this example is
	levention 1. o Again mile entrope le premaine negative so s. remaine same and we will check Gr. whether
	same and we will check on whether
	it is consistent or not
	Co. 1 d d d > Gr. ; L Small, Blue, ? >
	Sz: 20, p, p > Gz: 2 Small, Slue, C > Conall, ?, Circle >, 2?, Blue &
	2 Big ? Triangle >, L? Blue Faire



	Iteration 3 & Now this example is
	Iteration 3 & Now this example is positive, so we will compered each attribute of own thind example with S. & R. and check consistency
	So: L Small, Red, Circle > Go. L. Small, E, Circles
	Iteration 4:- Again we got a regative example thus & will hemain same wand we will check whether Gos is consistent or not.
	Suic Small, Red, Cincle >, Guic & Small, ?, Circles
	Iteration 5:- Now we got a fasitive example so we will comfare each attribute of our four fifth example
	with Sy & Gry and check Consistency
	B=: 2 Small, P. Circle > Go & Small, P. Circles
	It is clearly seen that final hypothesis are
- A. I.	
A wal	Sg = Gg = 2 Small, ?, Circle?
	Advantages Si) This algorithm modifies the s
	when accomodating new examples.
	Scanned with CamScanner



٥.)	This allow it Dog France on exhaustive search
	of the class of all davide Classification
	This algorithm ferforms an exhaustive search of the space of all possible Classification I rule don't have to store in memory every rule Consistent with example-only SI a sek
	Carrelate with an ella and le ella cake
	Discolute 100 at & This allowithm and Sid the
-	Disadvantages & This algorithm modifies the &
1	$V \longrightarrow V $
	Possible when accomodating new examples.
	It gentorme an extractive reach of
	the space of all families constitutes the
	Jule does not tolerate any noise - the
	The space of all fourible classification under does not tolerate any noise-the Gard S sets "fass" each other.
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