## Prashanth.S (19MID0020)

## Lab Quiz

ATTEN	MPT SCORE	
7 · 7	/ 10	
<b>01</b> Multiple Choice	•	<b>1</b> / 1
Calculate the following distance measures between the two ve Distance measure	ctors, v1 = [0, 1, 1, 0, 0, 0, 1] v2 =	[1, 0, 1, 0, 1, 0, 0] use Cosine
a. 1/3		
b. 2/3		
o c. 1/2		
O d. 3/4		
02 Multiple Choice		<b>1</b> /1
Cluster is		
b. Operations on a database to transform or simplify data	in order to prepare it for a machir	ne-learning algorithm
od. None of these		
c. Symbolic representation of facts or ideas from which in	nformation can potentially be extra	icted
a. Group of similar objects that differ significantly from others.	her objects	
03 Multiple Choice	< <> → N	1/1
Assume, you want to cluster 7 observations into 3 clusters using C3 has following observations: C1: {(2,2), (4,4), (6,6)} C2: {(0,4) want to proceed for second iteration?		
c. C1: (2,2), C2: (0,0), C3: (5,5)		
b. C1: (6,6), C2: (4,4), C3: (9,9)		

04 Multiple Choice	0/1
Suppose in a classification problem, you are using a decision tree and you use the Gini index as the criterion for the algorithm to select the feature for the root node. The feature with the Gini index will be selected.	
(B) highest	
⊚ (C) least	
O (D) None of these	
(A) maximum	
Multiple Choice	0/1
agglomerative clustering falls under which type of clustering method?	
a. partition	
b. hierarchical	
	1 / 1
Multiple Choice	1/1
choose the data mining tool	
Weka	
○ C	
O C++	
○ Flash	
7 Multiple Choice	1/1
- Widtiple Choice	
what is the formula to calculate Confidence(A -> B)?	
Od. Support(AB) / Support (B	
a. Support(A B) / Support (A)	
b. Support(A B) / Support (B)	
c. Support(A B) / Support (A,B)	

08 Multiple Choice	0/1
What is the minimum no. of variables/ features required to perform clustering?  d. 3  a. 0	
© C. 2	
b. 1	
09 Multiple Choice	1/1
What does FP growth algorithm do?	
b. It mines all frequent patterns through pruning rules with higher support	
a. It mines all frequent patterns through pruning rules with lesser support	
It mines all frequent patterns by constructing a FP tree	
10 Multiple Choice	1/1
ARFF stands for	
Atrribute Relationship File Format	
Attribute Related File Format	
Active Relational formoted File	
Association Rule based File Format	