

Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

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Class:	TE	Semester:	V
Course Code:		Course Name:	Dwm
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Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	
Demonstrated Knowledge	3	
Legibility	2	
Total	10	

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	D.I. D
Completeness		Wreet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated			1-2
Knowledge Legibility	3	2	* 1
Legibility	2	1	0

Checked by

Name of Faculty	:
Signature	:
Date	

Dan (4)

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			Apriori algorithm to find
	the frequent items	o ad	ne strong association rule
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		ra 149	6 C, A, B, E }
		22/45	& B, A, D}
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	(5) Join slow ((3): - from (2 from 1, M1, &
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	The Sproph it is frequent.
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6 germe Association Rule:from frequent itemset discoursed above, The association could be !-= (3/4) × 100 · &A,B) -> &D) (0, A D, D) -> 20) certian = Support EP, B, B& / Support EP, D) = (313) × 100 = 100 y. · (BO) -) (A) coop due - support &A,B,D) / support &B,D) = (313) × 100 = 100% · SAY -> SB,05 confidme = Support EA, B, D) / support &A) = (3/4) x 100 = 75/: EB5 - &A,03 confident = support & A, B, D) (Support & B) = 13/4) × 100 ~ 75-1.

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(D) -> EP,BY confide support EA,0,03 (support 205 (3/3) ×100 = 1001 So it mornin confide is 801, ma 20,03-181 20,0) -1(A) ad 202 -2 ENB) con he and dead as strong association rules. Gurand france patern fine for me following transaction with 30% Transmition ID Items C,A,D,8 D, A,C,E,B C,A,B,E B, A, O Tr **b** D_B 72 A, D, E BJC Cur Sup-court = 8 × 30/ = 8 × 0.3 = 2.4 Sup-count = 2.9

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Sun me databan for word me each Styp 1 durant than sut Sup- cont P 13 6 3 0 6 4 E Step 2: - Sort the set of frequency thensel in the order of disunding support order Sup-went Itemset G B 6 \mathcal{D} S P 4 Stop 3: 5m for 2nd sim, sound are to desirating Item bought Transmition 16 EB,D,A, EY 7, &B,D,A,E,C) 72 73 E B, A, E, () えのフ Th (B, R) 75 10 207 70 80,A,C5 &B.CJ 78 FOR EDUCATIONAL USE Sundaram

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Stept. Constant of Freguet Pattern Tre 4.1 Great a react node with label med (one) 42 San T. O NULL 0:1 43 San 72 NULL B.5 4.4 Scan T3 NULL FOR EDUCATIONAL USE Sundaram

Sun Th O NULL 4.5 0.4 PB A:1 E:2 X EI 1:0 Nuc 4.6 San Ts 0:3 D. ((:1 NULL Casa Ti 47 B:S D:4 A:3 AT TE:I C: /) C : 1 FOR EDUCATIONAL USE **Sundaram**