## 20181CSE0621 Sai Rem.

Date Page

20181CSE0621 03/06/2021 Sai Ram 6-CSE-10 Part-C. Q.2 A). Support is the measure of how frequent on itensel is in the list of sell transaction. Confidence describes the likeliness of occurence of consequent on the cast given the cost already has anticedants. Support of confidence together specify the occurence of an element given that its reighbors has occured. They given the probability of item occurence of hence can be used for the relationship finding between two items. For Example: In an electronics store, there was a rule reinder Bup (x. "Computer") -> Buy (x "software") [Support = 1%, confidence = 50%] A confidence of so of means that a customer brugs a computer there is a so of home They would try software as well. A 1% Support means that 1% g all transactions under analysis I show that computer and software are purchased together.

## 20181CSED621 Son Range

ID 100 Bread theese Eggs Truce Limca Bread cheese Twice Linea 200 Bread Mille Yoghust 300 Bread Trice mile 400 Cheese Juice Milk. 200 Support = 50% · Confidence = 75% Minsup = 3. Frequency Item Support 4/5 x 100 = 80% Cheese 315 x100 = 60% Eggs 45 x 100 = 20%= Juice 4/5×160 = 80%. Lim a 215 x 100 = 40% 3/5 x 100 = 60.1. Yoghust 1/5 x 100 = 201 \*

Discarding Yoghwet, Milk & Limca as Support 450/2 2 Candidate set:

Executive Support

Bread Chase 2 2(5 x100 = 40)

Bread Twice 3 3(5 x100 = 60)

Bread Milk 2 2/5 x100 = 40) \*

Uheese Twice 3 315 x100 = 601

Uheese Milk 1 1/5 x100 = 20/1 \*

Twie Milk 2 2/5 x 100 = 40/1 \*

Discarding Bread, with support court = 3

	20181CSE0621 Dale Page Cai Rown.
	Sai Koin.
6	Confidence (A->B) = Sup (AUB) Sup (A)
	Bread -> juice => 60 ×100 = 75.].  Juice -> Bread => 60 ×100 = 75.].
2	Juice -> Bread => 60 ×100 = 750/-
2	Cheese -> Juice >> 80 ×100 = 100 f.
4	Juice -> cheese => 60 x100 = 75.
	Association rules are:
	Bread -> Juice - 75%.  Juice -> Bread = 75%.
	Cheese -> Juice = 105-1.  Juice -> Cheese = 75-1
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