

Q 42

A database has 4 transactions Hems bought TID {K, A, D, B3 (924) T 100 & D, A, c, ∈ } T 200 & CAAB, EZ FAR STAR T300 5 B, A, D} T400 183 - 10183 given min-Sup=60./min - conf = 80./. 11.33 6 11.33 given frequent etemsels are: \$ \$ A y , \$ B y , \$ D z , \$ A , B y , \$ B,D' 3 SA, B,D' 3 12-2=2-2=8-2=6 (OCA) - 192 The 6 possible association rule are as below posseble frequent etemset Frequent Henset SA2B,D} SABy - SDy SBIDY > SABreeasot & Kanson 1 SAY -> SB,DY SO3 → SAB3 SAIDY -> SBY 5By → 5A, D3 in pariste and a shor will

Confidence Rule confidence percentage ./ 5 An By -> 503 66 2 3 SB,03 → SA3 2/2 100 \$A,D} → \$BZ 66 SAY > SB,D3 2/4 50 20y → SADBY 2/3 66 SBY > SA10} 2/3 66 confidence minimum = 80% As SB,Dy > SAY I mean X & transacteon , (xitems) (yitems) -> buys (x, items) (9, c) SB, D3 → SE3 This rule 19 the strong Association rule with confidence percentage 100