4-2.5.4 Apriori - Q2 Q (1) FP min sup=2 (L) Apriori

TID	Items	
1	{A,B}	
2	$\{B,C,D\}$	
3	$\{A,C,D,E\}$	
4	$\{A,D,E\}$	
5	$\{A,B,C\}$	
6	$\{A,B,C,D\}$	
7	{A}	
8	$\{A,B,C\}$	
9	$\{A,B,D\}$	
10	$\{B,C,E\}$	

Solution

Table

min sup = 2

5			_
١	1- ifenset	5	
	A	8	1
	В	7	1
	С	6	
	D	5	
	E	φ	

			2	{B,C,D}
			3	$\{A,C,D,E\}$
	prane, count, oliminde	4	$\{A,D,E\}$	
generote		5	$\{A,B,C\}$	
			6	$\{A,B,C,D\}$
		. 7	{A}	
		,	8	{A,B,C}
			9	{A,B,D}
			10	{B,C,E}

TID

Items {A,B}

CI= 1-itemser: [A, B, C, D,E] LI = {A:1, B:7, C:6, D:5, E: & CZ = JAB, AC, AD, AE, BC, BD, BE, CD, CE, DEJ CZ= 1 AB: 5, AC: 4, AD: 4, A E: 2, BC: 5, BD: 3, BE:T CD:3, CE:2, DE:21 L2= [AB:5, Ac:4, AD:4, A E:2, Bc:5, BD:3 CD:3, CE:2, DE:2] C3= IABC, ABD, ABE, ACD, ACE, ADE, BCD, BEE, CDE ] C3 = \( A BC: 3, A BD: 2, ACD: 2, ACE: (, A DE: 2, BCD: 2, CDE: ) 13= SABC: 3, ABD: 2, ACD: 2, ADE = 2, BCD: 2} CF = FABCD, ABDE, ACDET C4 = JABCD: 13 14= 53

## @ FP

LI = {A:8, B:7, C:6, D:5, E: £]

L2 = [AB:5, AC:4, AD:4, A E:2, BC:5, Bb:3

CD:3, CE:2, DE:2]

L3= {ABC:3, ABD:2, ACO:2, ADE:2, BCD:2}

5 + 9 + 5 = 19