## Co 3 Assignment.

## Machine Learning

auestion:	and the second s
TO	items
7,	l, 1 l2, l5
<i>S</i>	l2, l4
73	l2 , l3
Ty	l, , l2 , l4
Ts	$l_2, l_3$
· 15	82, 82
T-1	1, 3
78	1, , 12 , 13 , 15
Ta	1, , 12, 12.

Answer:

SFiltering a kable or support count of cosh item called C..

itemset	sup count
	6
l,	7,
	6
13	2
14	
$\mathcal{A}_{\zeta}$	2 .

Hernrot	Sup-wunt.
l., l.	4
1,, 0,	4
1,14	
1, , 15	
le, 13	4
P2, R4	2
1, 5	2.
d3, d4	0
l3, l5	1
l <sub>4</sub> , l <sub>5</sub>	0.

Here. min-sup-count=2 and eliminate obhers.

Step-4:

Sup-Count
+
4
2.
4
2.
2.

Plams et	Sup. want
1, 1, 13	2
1, ,1,,15	2.

conf (ArB) = 
$$\frac{g. \text{ bount (AUB)}}{g. \text{ cont (A)}}$$

$$conf = \frac{sup(1^{1}l_{1}^{1}l_{3})}{sup(1_{14}^{1}l_{3})} = \frac{2}{4} \times 1000 = 50^{\circ 10}$$

$$cosp = \frac{sup \left( l_1 \wedge l_2 \wedge l_3 \right)}{sup \left( l_1 \wedge l_3 \right)} = \frac{2}{4} \times (00 = 50^{\circ}).$$

$$\frac{[l_{2}^{1}l_{3}] \Rightarrow [l_{1}]}{sup(l_{1}^{1}l_{3})} = \frac{2}{4} \times coo = 50\%.$$

$$[[l, ]] \circ [[l, ]] = \frac{2}{6} \times 100 = 33.9$$

$$[(1)] = (1, 1/2)$$
 $cogf = sup[(1)] = \frac{2}{7} \times coo = 28\%$ 

$$[13] = [0.1]$$