Apriori Analysis - Transaction 1

milk eggs juice grapes beef chicken pork bread butter \  
0 False False True False False False False False False   
1 False False False False False False False False False   
2 True False False False False False False False False   
3 False False False False False False False False False   
4 False False False False False False False False False   
5 False False False False False False False False False   
6 False False False False False False False False True   
7 False False False False False False False False False   
8 False False False False False False False False False   
9 False False False False False False False False False   
10 False False False False False False False False False   
11 False False False False False False False False False   
12 False False False False False False False False False   
13 False False False False False False False False False   
14 False False False False False False False False False   
15 False False False False False False False False False   
16 False False False False False False False False False   
17 False False False False False False False False False   
18 False False False False False False False False False   
19 False False False False False False False False False   
  
 tomatoes pasta garlic soda seltzer wine beer cereal cookies \  
0 False False False False False False False True False   
1 False False True False False False False False False   
2 False False False False False True False False False   
3 False True False False False False False False False   
4 True False False False False False False False False   
5 False False False True False False False False False   
6 False False False False False False False False False   
7 False False False False False True False False False   
8 False False False False True False False False False   
9 False False False False False False True False False   
10 False False False False False False False True False   
11 False False False False False False False False True   
12 False False False False False False False False False   
13 False False False False False False False False False   
14 False False False False False False False False False   
15 False False False False False False False False False   
16 False False False False False False False False False   
17 False False False False False False False False False   
18 False False False False False False False False False   
19 False False False False False False False False False   
  
 chips ice\_cream shampoo onion oil pizza apples broccoli lettuce \  
0 False False False False False False False False False   
1 False True False False False False True False False   
2 False False False False False False False False True   
3 True False False False False False False True False   
4 False False False True False False False False False   
5 False False True False False False False False False   
6 False False False True False False False False True   
7 False False False False True False False False False   
8 False False False False False True False False False   
9 False False False False False False True False False   
10 False False False False False False False True False   
11 False False False False False False True False True   
12 True False False False False False False True False   
13 False True False False False False False False True   
14 False False True False False False False False False   
15 False False False True False False False True False   
16 False False False False True False True False False   
17 False False True False False True False False False   
18 False True False False True False False False False   
19 True False False True False False False False True   
  
 spinach cheese coffee   
0 False True False   
1 False False False   
2 False False False   
3 False False False   
4 True False False   
5 False True False   
6 False False False   
7 False False True   
8 False True False   
9 True False False   
10 False False True   
11 False False False   
12 False True False   
13 False False True   
14 True False True   
15 False True False   
16 False False True   
17 False False True   
18 True False False   
19 False False False

support itemsets  
0 0.10 (wine)  
1 0.10 (cereal)  
2 0.15 (chips)  
3 0.15 (ice\_cream)  
4 0.15 (shampoo)  
5 0.20 (onion)  
6 0.15 (oil)  
7 0.10 (pizza)  
8 0.20 (apples)  
9 0.20 (broccoli)  
10 0.25 (lettuce)  
11 0.20 (spinach)  
12 0.25 (cheese)  
13 0.30 (coffee)  
14 0.10 (chips, broccoli)  
15 0.10 (coffee, shampoo)  
16 0.10 (onion, lettuce)  
17 0.10 (coffee, oil)  
18 0.10 (cheese, broccoli)

antecedents consequents antecedent support consequent support support \  
0 (chips) (broccoli) 0.15 0.20 0.1   
1 (broccoli) (chips) 0.20 0.15 0.1   
2 (shampoo) (coffee) 0.15 0.30 0.1   
3 (onion) (lettuce) 0.20 0.25 0.1   
4 (oil) (coffee) 0.15 0.30 0.1   
5 (broccoli) (cheese) 0.20 0.25 0.1   
  
 confidence   
0 0.666667   
1 0.500000   
2 0.666667   
3 0.500000   
4 0.666667   
5 0.500000