

Apriori

['A', 'B', 'C'],
['B', 'C', 'D'],
['C', 'D'],
['A', 'B', 'D', 'E'],
['A', 'E'],
['A', 'B', 'C', 'E'],
['C', 'D', 'E'],
['E', 'F'],
['B', 'E', 'F'],
['B', 'C', 'D', 'E'],

Apriori - Iteration 1

('A',) 0.40
('B',) 0.60
('C',) 0.60
('D',) 0.50
('E',) 0.70
('F',) 0.20 X

Apriori - Iteration 2

('A', 'B') 0.30
('A', 'C') 0.20 X
('A', 'D') 0.10 X
('A', 'E') 0.30
('B', 'C') 0.40
('B', 'D') 0.30
('B', 'E') 0.40
('C', 'D') 0.40
('C', 'E') 0.30
('D', 'E') 0.30

Apriori - Iteration 3

('A', 'B', 'E') 0.20 X
('B', 'C', 'D') 0.20 X
('B', 'C', 'E') 0.20 X
('B', 'D', 'E') 0.20 X
('C', 'D', 'E') 0.20 X

min_sup=0.3
min_conf=0.7

('A',) → ('B',) conf: 0.75 lift: 1.25
('A',) → ('E',) conf: 0.75 lift: 1.07
('B',) → ('A',) conf: 0.50 X
('B',) → ('C',) conf: 0.67 X
('B',) → ('D',) conf: 0.50 X
('B',) → ('E',) conf: 0.67 X
('C',) → ('B',) conf: 0.67 X
('C',) → ('D',) conf: 0.67 X
('C',) → ('E',) conf: 0.50 X
('D',) → ('B',) conf: 0.60 X
('D',) → ('C',) conf: 0.80 lift: 1.33
('D',) → ('E',) conf: 0.60 X

('E',) → ('A',) conf: 0.43 X
('E',) → ('B',) conf: 0.57 X
('E',) → ('C',) conf: 0.43 X
('E',) → ('D',) conf: 0.43 X