

CSIT5210: Data Mining and Knowledge Discovery (Fall Semester 2021)

Exercise 1

Association Rule Mining

Q1 Apriori Algorithm

Given the following transactions, and the support threshold = 2.

A	B	C	D	E
1	0	0	1	0
1	0	0	1	1
0	0	1	0	0
1	0	1	1	1
1	0	1	0	1

Follow the steps of the Apriori Algorithm and deduce L_1 , C_2 , L_2 , C_3 , L_3 , C_4 , ... until all the large itemsets are discovered.