

Homework 3
Due on 22h00, 04/07/2021

Rule

- File header: Fullname and student-ID
- File name: StudentID_HW02.pdf

Question

Given the following transaction dataset,

TID	Item
1	A C T W
2	C D W
3	A C T W
4	A C D W
5	A C D T W
6	C D T

And minsup=60% (s) and minconf=80% (c)

- 1) Find all frequent itemsets by using Apriori.
- 2) Find all frequent itemsets by using FPGrowth.
- 3) Find all association rules that satisfy [s,c].
- 4) For each rule of question 3, use Lift measure to assess the degree to which the occurrence of the left part “lifts” the occurrence of the right part.

The end.