

DATA MINING I - 1DL360

Results form for Assignment 3 - Association analysis

Date:

Name:

ARM parameters:

minsupp parameter				
minconf parameter				
number of frequent itemsets generated				
number of association rules generated				

Questions:

1. Is there an upper bound for the size of a frequent itemset?

2. Can there be generated less association rules than there are frequent itemsets?

3. If an association rule has confidence = 1, what does it practically mean? In other words, what (non-probabilistic) knowledge can be inferred about the set of transactions?

4. When and why is a pattern growth-based (item-related projection) approach to frequent itemset mining advantageous compared to an Apriori-like approach?

Please give brief answers. In order to get a pass grade,

- your script file must work
- your answers to the questions above must be correct
- your answers at the oral examination must be satisfactory