

	Course	Databases and Information Systems 2015		
	Exercise Sheet	8		
	Points	–		
	Release Date	June 17 2015	Due Date	July 08 2015

Exercise 1: Data Mining

Implement the Apriori algorithm for detecting frequent itemsets in shopping carts. The derivation of association rules is not part of the task.

For the evaluation of your algorithm, please use the transactional data provided by us (see files `Transactions.zip` and `TransactionsLarge.zip` in `/usr/remote/lehre/dis/Blatt08/`) with a minimal support (minsup) of 1%: Every line is a whitespace-separated list of article identifiers and thus represents the articles acquired during a single transaction.

Note

- The transactional data can be read directly from the file and do not have to be imported to a database.
- Submitting your results is not required; they are presented to one of the tutors during the exercise course.