

	Course	Databases and Information Systems 2019		
	Exercise Sheet	8		
	Points	–		
	Release Date	June 25th 2019	Due Date	July 10th 2019

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/dis2014/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.