

# Assignment 2

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- Mining Practice: Association rule mining
  - Apply association rule mining to given data sets
  - By varying different level of *support* and *confidence*, compare Apriori, FP-Growth and a dummy the baseline method that conducting exhaustive search for frequent itemsets, in terms of the number of generated frequent itemsets, the storage used for mining the rules, the computational cost (in second)
  - Try to discover some interesting association rules using Apriori or FP-Growth, make discussion on the insights the rules disclose.
  - Write the report including a) a brief introduction of the problem and the data sets; b) a brief introduction of the used methods and their code implementation; c) the experimental protocol (specifying how your record data and how you compare the methods); d) results and discussions; e) conclusions.
  - Submission Deadline: 12:00, Apr. 29.