

Data Mining, Sheet 5

In this exercise sheet we mine frequent patterns from real-world data. All resources for this exercise sheet can be obtained from <https://www.kaggle.com/>. As always, you are free to use any technology that you deem fit.

Exercise 1

Read one of the tutorials on market basket analysis, e.g.:

<https://www.kaggle.com/code/khusheekapoor/market-basket-analysis-in-python/notebook>

If you feel adventurous, try to solve this assignment in R. You may use, e.g.:

<https://www.kaggle.com/code/xvivancos/market-basket-analysis>

Exercise 2

Obtain market basket data from <https://www.kaggle.com/> and try to reproduce the tutorial with your data. Also, try out huge data sets. Does your solution scale to “Big Data”?

Exercise 3

Write a short report on your findings.