



BA/SA/Group/Lab:

Is the price right?

According to the Department of Statistics, there are almost 6 Million registered cars in Switzerland right now, an amount which has doubled in the last thirty years. While some people go to car dealerships when they're interested in buying a car, other people prefer to comfortably browse countless car listings on a number of available Internet platforms, for example autoscout24, car4you or autoportal24. At the time of writing, the online car portal autoscout24 boasts over 150'000 car offers.



The users who visit these online car marketplaces can narrow their search by applying specific criteria, for example brand, model, make or year, but finding outstanding offers in this large collection of results is a tedious task, which is currently done manually and by the user's own recollection.

The goal of this thesis is to crawl car offers from online resources and use the gathered data to develop a model that estimates the price of the car based on several key indicators. Questions like for instance, how much the color or engine type of a used car affects its price are investigated. Finally, the resulting price estimation model is thoroughly evaluated and should be able to identify underpriced cars.

Requirements: Creative thinking and advanced programming skills are advantageous to successfully work on this topic. The student(s) should be able to work independently!

Interested? Please contact us for more details!

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