



## BA/SA/Group/MA:

### What's it Worth?

#### Motivation and Informal Description

We all got to enjoy the housing market in or near Zurich. Finding a nice place that is affordable can be a very difficult problem. Luckily, there are several Internet platforms that help you to find one. But should you rent or even buy this place? Is it overpriced? How much more expensive would an additional room be? Right now, all you can do is to hope to manually find a comparable place in the vicinity and make an educated guess. But that is a rather tedious and not too promising approach.

Unfortunately, this is not only the common approach if you're looking for a house, but it also applies to many other commodities, e.g., used cars. For instance, does the color of a used car affect its price, and if yes, how much?

We want you to change that by creating a scoring system.

Your job is to crawl data from different sources to create a database. Afterwards, use this data to estimate the price of the commodity using several key indicators. You shall also evaluate your scoring mechanism thoroughly and identify underpriced goods.

#### Requirements

Good programming skills. The student(s) should be able to work independently on this topic!

**Interested? Please contact us for more details!**

#### Contact

- Philipp Brandes: [philipp.brandes@tik.ee.ethz.ch](mailto:philipp.brandes@tik.ee.ethz.ch), ETZ G64.2

