



Prof. R. Wattenhofer

Housing Price Prediction Competition

There are millions of properties worldwide. Ranging from small flats to huge villas. Prices might vary between a few ten thousand dollars up into the millions. The people making those pricing decisions are not wizards, but instead use their knowledge of the market and economic situation as well as facts about the property to set an appropriate price tag.

This sounds like a task for Machine Learning, and indeed, many people have tried over the years. In this thesis we want to enter a Kaggle competition ¹, or at least use their dataset, to improve housing prediction accuracy. We have already experimented with unconventional methods of augmenting our datasets to improve predictions, with some success. If this sounds interesting to you, do not hesitate to contact us so we can have a chat!

Remarks: Creativity and programming skills are an advantage. Experience with Machine Learning and possibly Deep Learning would be helpful. There will be weekly meetings with your supervisors to discuss progress and open problems.



Interested? Please contact us for more details!

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¹<https://www.kaggle.com/c/zillow-prize-1>