



DEMAND ESTIMATION FROM AIRBNB AND BOOKING.COM DATA

MASTER THESIS

In this thesis, the student obtains a huge data set of hotel data gathered via airbnb and booking.com for one particular city of interest. The overall goal is to forecast demand at various prices for various hotel rooms in that city.

To achieve this goal, the student should summarize the most important statistical methods used in demand forecasting, carefully decide which method to pick and then apply the method to the data set. The student will discuss their progress with their supervisor and/or representatives from Limehome on a monthly basis.

The perfect candidate for this master thesis has a quantitative major and/or minor and has taken advanced courses in econometrics, business analytics, machine learning and/or big data.

This thesis should be started as soon as possible.

If you are interested, please apply for this thesis with your CV and a "Leistungsnachweis" at christiane.barz@uzh.ch.