Interdisziplinäres Qualifikationsprogramm für Nachwuchswissenschaftler/innen der Wirtschafts- und Verhaltenswissenschaftlichen Fakultät der Universität Freiburg

One day workshop with the topic „Introduction to web-scraping in Python"

Lecturer: Markus Rosenfelder M.Sc., Information Systems Research, University of Freiburg
Time: Tue 2. April 2019 9:00 am to 6:00 pm
Place: PC-Pool 2114 in KGII

Structure and content of the workshop:

Big Data and openly available data have been an important part of economic and behavioural science for some time. Despite a growing acceptance of Open Data many websites today do not allow for a direct download of their data. In research, many PHD students tend to find interesting data, that they are not able to download easily. Especially large amounts of data are difficult to collect by hand. Typical examples for these large datasets are social media postings, real estate data, reviews of products in online shops or geographic information like energy usage data. To download this kind of data and convert it to a usable format a self-programmed web-scraper is needed.

In this workshop all parts of a typical web-scraper will be taught piece by piece on a real example with the programming language Python. The attendees of the workshop get a practical introduction with an easy to understand example. In the beginning of the workshop, a short introduction to the basics of Python is presented. In general, everyone who has basic programming knowledge (loops, functions, variables etc.) can attend the workshop. Python or expert knowledge is not necessary.

After attending the workshop, the attendees should be able to write their own web scraper. If needed, the workshop can be held in English.

Registration

Admission: only postdocs and PHD-students of the WVF
Registration: via E-Mail until 20.03.2019 to yziegler@psychologie.uni-freiburg.de
Selection process: first come, first serve
Number of entrants: 4 to 18
Language: German or English