

## Workshop: Social media data mining with Python

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<b>Content</b>	<p>There is a revolution going on in the social sciences: the rise of computational social science! Huge new sources of data on social behaviour are being combined with new analytical techniques to change the fundaments of how social science takes place. This class is aimed at social scientists who want to learn some of the key skills in the computational social science toolkit. In particular, it will focus on how to collect data from social media platforms using the programming language Python.</p> <p>The class is aimed at beginners with no previous programming experience (but with an interest to learn!). During the class, we will learn the fundamentals of the Python programming language, looking at (for example) how to control the flow of code with loops and conditional statements, and how to handle input and output to files. Alongside this, we will also understand how it can be used to collect and format datasets from widely used social platforms such as Twitter, Reddit and Wikipedia, as well as some hints for types of analyses to perform. Students will leave with a functioning programming infrastructure on their own laptop and a library of scripts which will enable them to get started in the process of social data collection and analysis.</p>
<b>Prerequisites/ Materials</b>	
<b>Reading list</b>	