

# Web scraping for social scientists

2023-06-06

Dr Diarmuid McDonnell
University of the West of Scotland









#### Me







#### You

Bright, able people interested in a (reasonably) novel data collection method.

Idea-rich, time-poor.

The Promise: able to conduct your own web scraping activities by the end of the day.

### **Fulfil that promise**

Understand why and how to use web scraping.

Sensibly deal with the ethical and legal implications of this method.

Conduct your own web scraping activities using code (Python).

## **Schedule**

09:15 – 09:30	Zoom link open
09:30 - 09:45	Welcome
09:45 - 10:15	The value, logic and practice of web scraping
10:15 - 10:45	Understanding and navigating web pages
10:45 - 11:00	Tea break
11:00 - 12:00	Web scraping using Python: Example 1
12:00 - 13:00	Lunch
13:00 - 13:45	Web scraping using Python: Example 2
13:00 – 13:45 13:45 – 14:30	Web scraping using Python: Example 2 Practical exercise
13:45 – 14:30	Practical exercise
13:45 – 14:30 14:30 – 14:45	Practical exercise  Tea break
13:45 – 14:30 <b>14:30 – 14:45</b> 14:45 – 15:15	Practical exercise  Tea break  Ethical and legal considerations of web scraping

#### **Online learning**

Engage in whatever manner you are comfortable with.

One group / small group discussion near the end, mainly self-directed.

Practical demonstrations and exercises at your own pace.

Default settings: microphones off, camera is your choice.

I'll be available during breaks.

Work on your own ideas throughout the day.