Open Data for Urban Research
A Data + Social Science Workshop

Master Governing the Large Metropolis
Sciences Po, Fall 2018

OVERVIEW

This workshop offers a critical analysis of how urban-level data are produced, interpreted, and, increasingly, released to the public. It was designed specifically for this Masters, alongside the “Advanced Quantitative Methods” course, which enables students to build on their existing statistical training by mixing qualitative and quantitative insights.

Students will learn to assess the quality of existing open data resources, critically discuss their political implications, and produce their own catalogue of real-world public datasets.

OUTCOMES

The students in this course will be invited to produce two (graded) outcomes:

- **Open Data Census entries**: Students will fill an Open Data Census website with the results of their research, giving precise explanations on their research process.

- **Data quality sprint**: students will follow a guided methodology to assess the quality of a specific dataset and publish their findings in a structured way.

frama.link/odur-2018
1 · FIND AND GET DATA
Samuel Goëta

27 September 2018 5-8 PM
117, bd Saint-Germain, Room 720


2 · VERIFY DATA
Samuel Goëta

(Date, time and place to be confirmed.)


3 · CLEAN DATA
Joël Gombin

11 October 2018, 5-8 PM
117, bd Saint-Germain, Room 720


4 · PRESENT DATA
François Briatte

18 October 2018, 5-8PM
13, rue de l’Université, Room S08 • • • caution, different room!

READINGS


BLOGS

Impact of Social Sciences Blog, London School of Economics and Political Science:

- Philosophy of Data Series
- Politics of Data Series

Michael Batty:

- Smart Cities
- A Science of Cities

Open Knowledge Foundation:

- Open Knowledge International Blog
- School of Data Blog

WEBSITES

- LearnOpenData (by Claire Foulquier-Gazagnes, from Etalab)
- Open Data Institute (London)
- Open Knowledge International
- Urban Complexity Lab (Potsdam)

Urban-level data-oriented studies:

- Atlas of Urban Expansion
- EURO-URHIS2 – European Urban Health Indicators Systems Part 2
- US City Open Data Census

Urban Audit – European City Statistics:

- Eurostat resources, European Commission
- Office of National Statistics, United Kingdom (archive)

OECD – Organization for Economic Cooperation and Development:

- Urban Development
- Metropolitan eXplorer

UN-Habitat, United Nations:

- Open UN-Habitat
- UN-Habitat Urban Data
TEACHER BIOS

François Briatte is Assistant Lecturer in Political Science at the European School of Political Sciences in Lille, and a member of the rOpenGov ecosystem, which write programs for computational social science and digital humanities. His main hobbies are black coffee, cigarettes and Web scraping.
François blogs in French at Polit’bistro and in English at R / Notes.

François teaches the theoretical section of this workshop.

Samuel Goëta is a co-founder of datactivi.st and a member of the Open Knowledge Foundation, which campaigns to open up knowledge for everyone. Samuel holds a PhD in Sociology from Telecom ParisTech, and his main hobbies are bike riding, running a coworking house and cooking for hours.
Samuel used to blog in French at Les coulisses de l’open data.

Samuel teaches the practical sections of this workshop.

Joël Gombin is a co-founder of datactivi.st, a PhD candidate in Political Science at the Université Picardie – Jules Verne, and a member of the Observatory of Political Radicalities at the Jean-Jaurès Foundation, which studies radicality in European societies. His main hobbies are watching political TV shows and changing his kids’ diapers.

Joël also used to write a data-driven series in French for the online magazine Marsactu.