



**Online Social
Data School**
11–19 December 2023
cdh.cam.ac.uk/dataschools

Social Data School Q&A Session

1. Introduction (Dr Anne Alexander) 2 min
2. Overview and Presentation of content (Dr Irving Huerta) 10 min
3. Short description of module (Dr Anne Alexander) 3-4 min
4. Short description of module (Dr Irving Huerta) 3-4 min
5. The perfect application (Dr Anne Alexander) 3-4 min
6. Q&A (20 min)
7. Wrap up.

Background to the Cambridge Data Schools

The objectives of the Data Schools are to:

- Democratise access to tools and methods for digital data collection, analysis and reporting
- Foster the development of ethical practices in digital research
- Encourage dialogue between academia, civil society, the public sector and industry about the social, ethical and policy implications of digital research methods
- Providing practical instruction and knowledge exchange across sectors, professions and disciplines.

What is the Social Data School?

An **online** intensive teaching programme structured around the life-cycle of a digital research project, covering principles of research design, data collection, cleaning and preparation, methods of analysis and visualisation, and data management and preservation practices.

Who should apply?

- You might be in journalism, marketing, academia, an NGO, activism, a trade union, a civil society organisation, civil service. Anyone who works with social data is welcome to apply.

Our commitment to democratising access

- We are keen to see applications from around the world — you just need to be able to participate in the live sessions which take place between 1pm and 5pm GMT
- We also support applications from colleagues in the Global South and from individuals and organisation representing historically marginalised and oppressed social groups

What does it cost?

- Standard: £245 per person
- ~~Early Bird (until 3 September 2023): £195 per person~~
- Concession (limited places): £75 per person

*Standard rate is applicable if you are part of an organisation with paid staff. However, on the application form you will have the opportunity to apply for a discounted rate if needed (for example if your organisation has a small number of paid staff or limited funding).

**Concessionary rate might be for students, unemployed, community projects, unfunded projects, and Global South residents (limited places). In addition, a small number of bursaries are available to those who can demonstrate financial need. You can apply for this on the application form.

Important Dates

Deadline for Applications: 29 October 2023

Apply here:



Data School: 11-19 December 2023

Overview of the curriculum

ONLINE SDS (11-19 DECEMBER 2023)			Teacher
Date	Time	Topic	
Monday 11 December	1:00-1:30pm	Introduction and welcome	
Monday 11 December	2:00-3:00pm	Session 1: Methodology for Digital Investigations	Irving Huerta
Monday 11 December	3:30-4:30	Session 2: Basic Automation for Investigations I	Irving Huerta
Tuesday 12 December	11:00-12:00pm	Social Space	
Tuesday 12 December	1:00-3:00pm	Session 3: Data protection and surveillance in a networked world	Jennifer Cobbe
Tuesday 12 December	3:30-4:30pm	Session 4: Basic Automation for Investigations II	Irving Huerta
Wednesday 13 December	1:00-2:00pm	Session 5: Visualisation I	Anne Alexander
Wednesday 13 December	2:30-3:30pm	Session 6: Social Network Analysis I	Hugo Leal
Wednesday 13 December	4:00-5:00pm	Public Event	
Thursday 14 December	1:00-2:00pm	Trouble Shooting Drop-In Session	Jonathan Blaney
Thursday 14 December		Self-pace Study	
Friday 15 December	1:00-2:00pm	Social Space	
		Self-pace Study	
WEEKEND			
Monday 18 December	1:00-2:00pm	Session 7: Visualisation II (presenting your data)	Anne Alexander
Monday 18 December	2:30-3:30pm	Session 8: Social Network Analysis II	Hugo Leal
Monday 18 December	4:00-5:00pm	Session 9: Principles of Machine Learning	Ana Zapata
Tuesday 19 December	1:00-2:00pm	Session 10: Principles of Machine Learning (Workshop)	Ana Zapata
Tuesday 19 December	2:30-4:00	Keynote: Jacopo Ottaviani (Code4Africa), on Mapping with Drones	Jacopo Ottaviani
Tuesday 19 December	4:00-4:30	Closing Plenary, pitching your investigation to funders/collaborators, next steps	

*Content may be subject to change

What time commitment is expected?

- 14 hours of live teaching sessions spread over one week
11-19 December
- Course materials will include links to further tutorials and resources accessible online. Participants will be encouraged to explore these materials before and after the SDS.

What are the technical requirements?

- An internet connection for video calls
- A laptop or desktop on which you can install software (if it is a work device you will need to make sure you have admin privileges)

The software packages you will need are:

- Zoom
- Gephi
- Blender
- Meshroom
- Github account
- Google account
- More to be confirmed

Introducing the teaching team



Dr Anne
Alexander
(CDH)



Dr Hugo
Leal
(CDH)



Keynote
Speaker:
Jacopo
Ottaviani
(Code4Africa)

Ana Zapata

(Editor-in-Chief of
the International
Journal for Digital
Art History)



Dr Jennifer
Cobbe

(University of
Cambridge, The
Compliant &
Accountable
Systems)



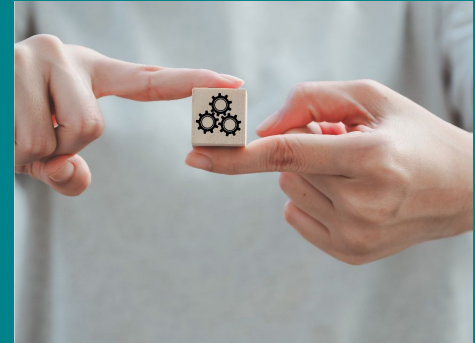
Dr Irving
Huerta
(CDH)

Short description of module
(Dr Anne Alexander) 3-4 min

Short description of module (Dr Irving Huerta) 3-4 min

Basic Automation for Investigations

In this module, we will look into basic software and online tools to carry out a series of automations which can help investigate the social. The tools and methods we will touch upon include automated social media content data collection, scraping, image/video analysis, and generative AI. This practical module will use case studies to demonstrate tools and exercises, including geolocation of occurrences of human rights abuses to bulk image analysis from popular trends on social media.



Adobe Stock Image

The perfect application
(Dr Anne Alexander) 3-4 min

Contact

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- Dr Irving Huerta (Research Associate and Convenor)

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Any questions?

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