

*I am a data scientist who believes data can help us build a world that is more joyful and just. I have worked in a diverse range of areas, from calculating the number of fish caught in the sea for the UK government to founding a citizen-centred research organisation.*

## Work

### The Open Consultancy

Amsterdam, Netherlands

STATISTICAL CONSULTANT AND FOUNDER

2018 - Present

- Consult for a range of large international organisations including FSC, the UK government, DEFRA, Sport England and UEFA.
- Redesigned the UK's analysis of how much fish is caught, saving the government over half a million pounds each year.
- Designed FSC's risk score system, estimating the risk of almost one hundred thousand forestry projects.

### Substance

Manchester, England

ASSOCIATE RESEARCHER

2018 - Present

- Collaborate on national projects in health and environment policy.

### Radical Data

Amsterdam, Netherlands

FOUNDER

2019 - Present

- Run a research organisation focused on how data science can be used as a tool for citizen empowerment through art, activism and policy.
- Supported by a research grant from Stimuleringsfonds, Netherlands.
- Spoken internationally, from lectures at Edinburgh University and Université de Montréal to public talks at Mozilla Festival and Digital Arts Zurich.

### Jobi

Amsterdam, Netherlands

MUSICIAN

2019 - Present

- Perform live coded dance music internationally, from Amsterdam to Medellín, Colombia.

## Education

### University of Manchester

Manchester, England

MATHEMATICS, MMATH (HONS) · FIRST CLASS

2013 - 2018

- Integrated masters degree with focus on applied maths, statistics and computer science
- Masters dissertation on 'Network Models of Political Repression and Revolution'

### McGill University

Montréal, Canada

MATHEMATICS, EXCHANGE YEAR

2016 - 2017

- Courses studied include graduate courses in economics, mathematics and computer science

## Selected software development

- 2021 **tidymrp**: Author  
Easy-to-run multilevel regression and poststratification (MRP) analyses in R.
- 2020 **tidymine**: Author  
Robust variable selection.
- 2020 **tiddlyroam**: Author  
Open source software to create your own personal wikipedia that has been downloaded over 20,000 times.

## Languages

English · French · Dutch

## References

**Dr Kieran Hyder**: Principal Scientist, Cefas.

**Dr Gavin Mellor**: Director and Head of Data and Consultancy, Substance.