Jo **Kroese**

Data Scientist and Artist

Amsterdam, Netherlands

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Using data to help build a world that is more joyful and just.

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 on data art and activism including lectures at Edinburgh University and Université de Montréal and public talks such as Good Tech Fest in Chicago, Mozilla Festival in Amsterdam and Data Natives in Berlin.

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 · Dutch · Spanish · French

References

Dr Kieran Hyder: Principal Scientist, Cefas.
Dr Gavin Mellor: Director and Head of Data and Consultancy, Substance.

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