



The Turing Way:

A sustainable and inclusive solution to sharing best practices

8 December 2021

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Faculty of Applied Sciences

The Turing Way

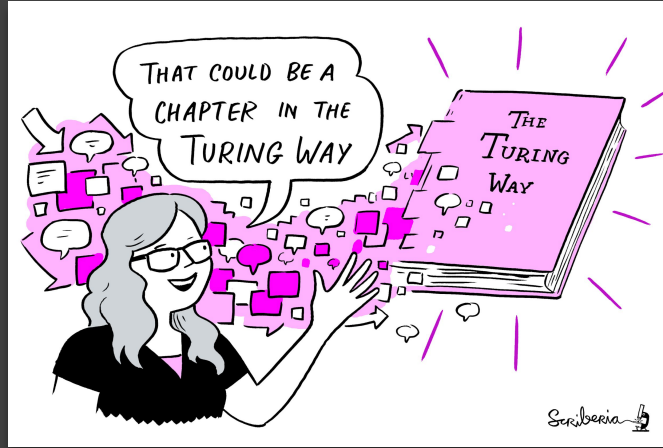


The Turing Way is an open source community-driven guide to reproducible, ethical, inclusive and collaborative data science



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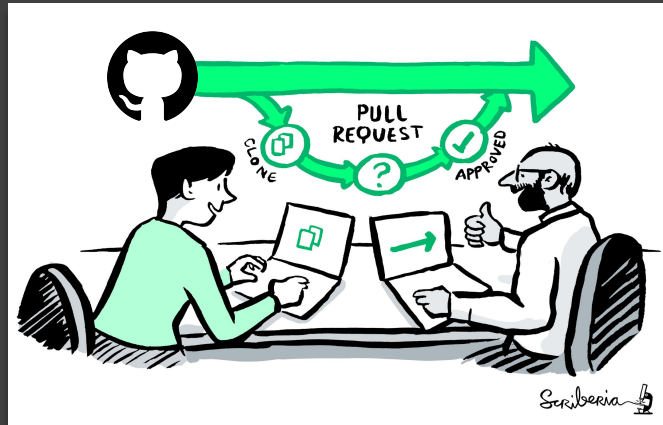
A Book



A Community



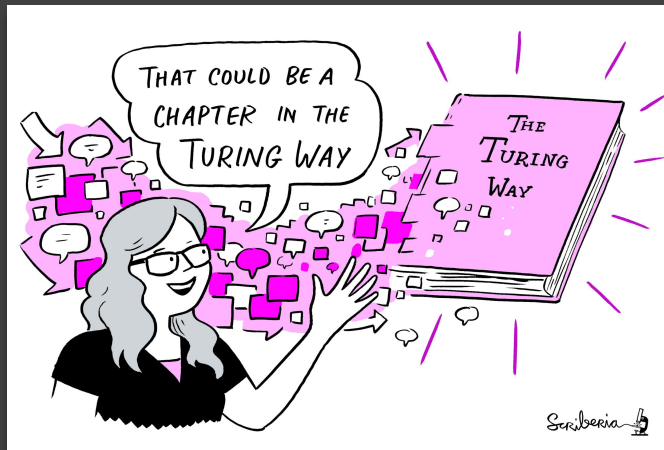
An Open Source Project



A Culture of Collaboration



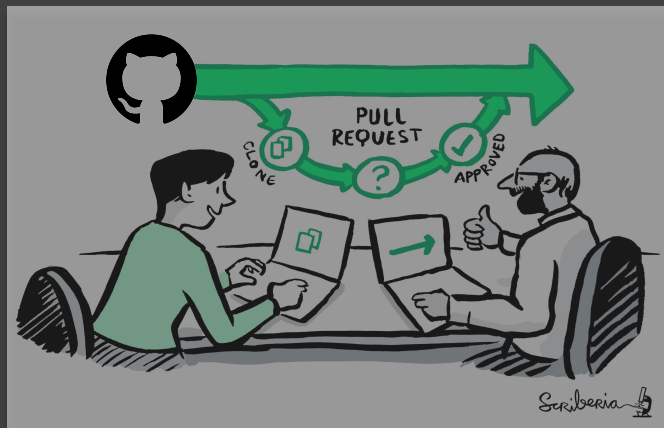
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The Turing Way

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Welcome

Guide for Reproducible Research

Guide for Project Design

Guide for Communication

Guide for Collaboration

Guide for Ethical Research

Community Handbook

Afterword

The Turing Way is an open source community-driven guide to reproducible, ethical, inclusive and collaborative data science.

Our goal is to provide all the information that data scientists in academia, industry, government and the third sector need at the start of their projects to ensure that they are easy to reproduce and reuse at the end.

The book started as a guide for reproducibility, covering version control, testing, and continuous integration. However, technical skills are just one aspect of making data science research "open for all".

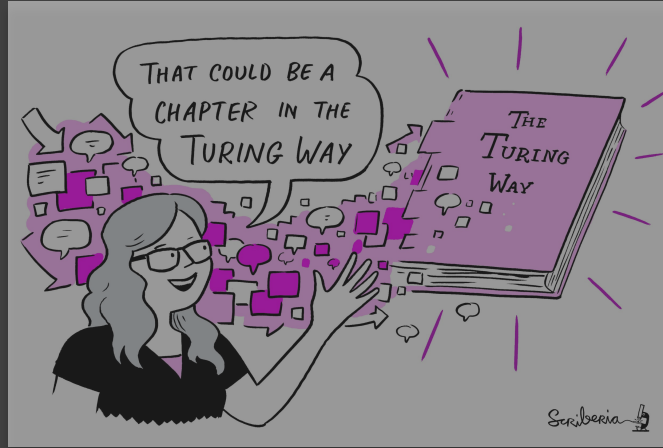
In February 2020, *The Turing Way* expanded to a series of books covering reproducible research, project design, communication, collaboration, and ethical research.





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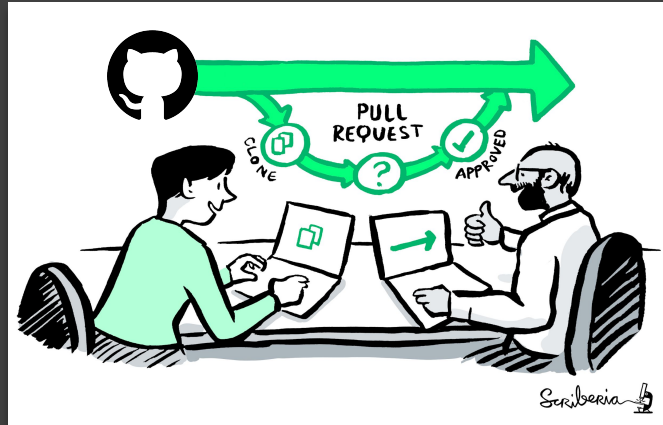
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Open Source Project

- Everyone can freely read, reuse, distribute, modify and develop.
- The project **belongs to *The Turing Way* community**.
- **Built on open source** infrastructure:
Git, Jupyter Book, Binder, Netlify:
the-turing-way.netlify.app/welcome



Contributions via GitHub

<https://github.com/alan-turing-institute/the-turing-way>

The Turing Way

read [the book](#) receive [our newsletter](#)   chat [on gitter](#) DOI [10.5281/zenodo.3233853](https://doi.org/10.5281/zenodo.3233853)  TuringWay [I want to contribute!](#)

all contributors [206](#)

This README.md file is also available in Dutch ([README-Dutch](#)), Italian ([README-Italian](#)), Portuguese ([README-Portuguese](#)), and Spanish ([README-Spanish](#)) (listed alphabetically).

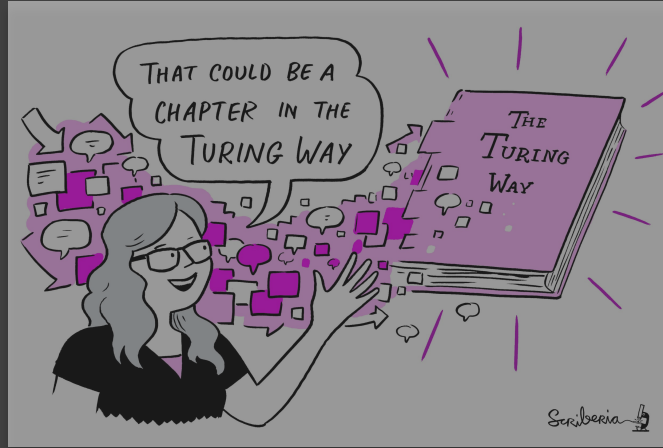
The Turing Way is a lightly opinionated guide to reproducible data science. You can read it here: <https://the-turing-way.netlify.com> You're currently viewing the project GitHub repository where all of the bits that make up the guide live, and where the process of writing/building the guide happens.

Our goal is to provide all the information that researchers need at the start of their projects to ensure that they are easy to reproduce at the end.



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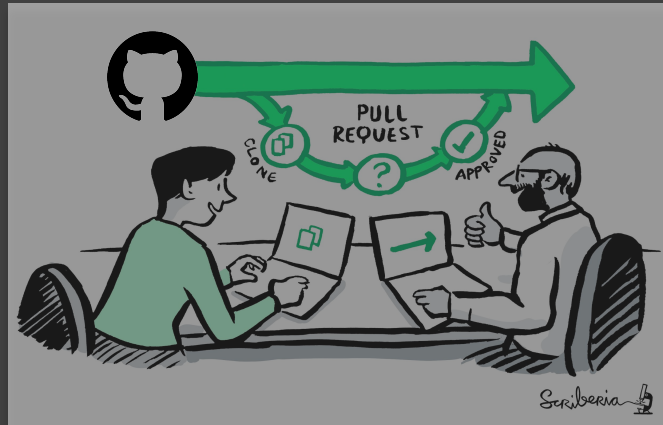
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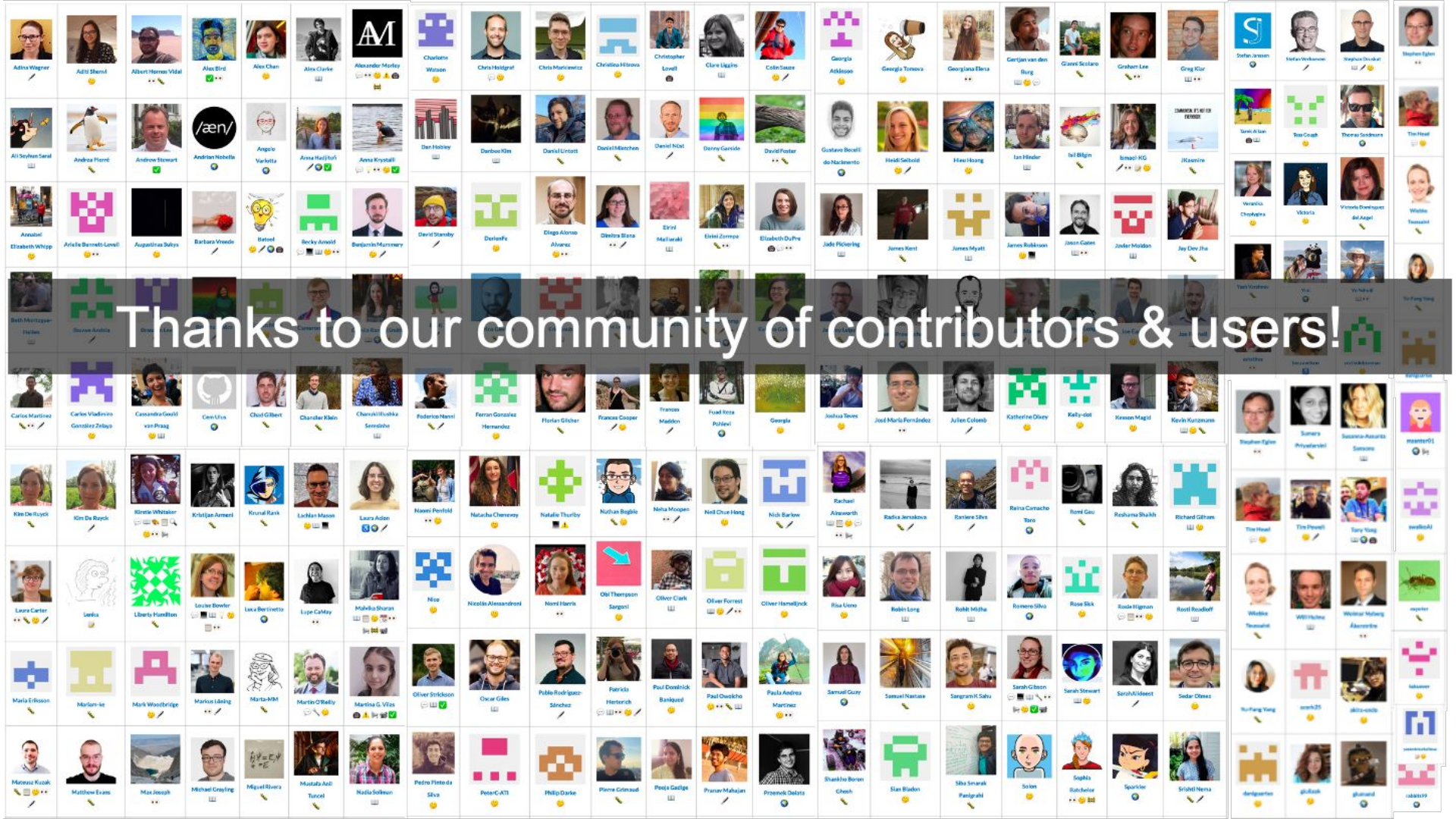


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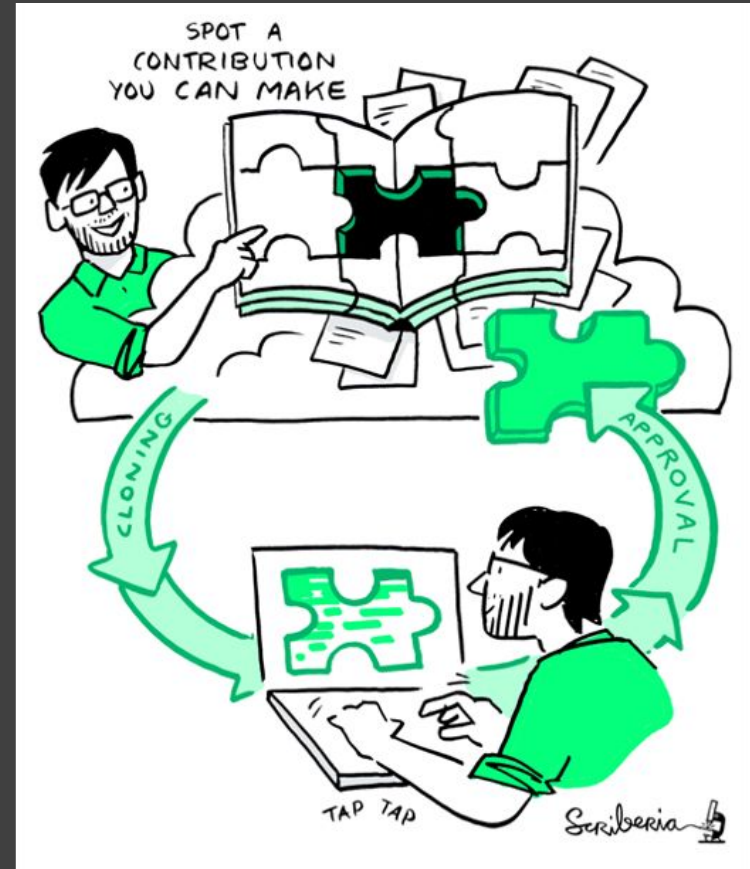


Thanks to our community of contributors & users!

Meeting where you are!

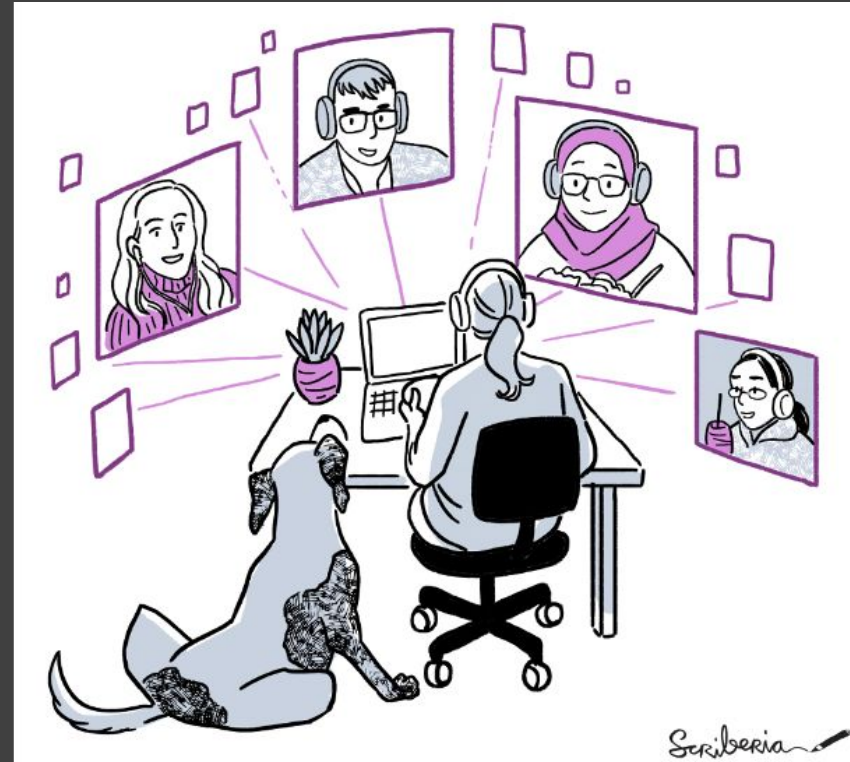
- I. Connect with others
- II. Learn a new skill
- III. Share your skills
- IV. Discuss ideas & collaborate
- V. Mentor others' contributions
- VI. Represent this community

We value your participation!



Community events

- [Collaboration Cafes](#)
 - 1st & 3rd Wednesdays (15:00 UTC)
- [Community coworking](#)
 - Mondays (11:00 UTC)
- [Fireside Chat](#)
 - 3rd or 4th Friday
 - **Dec 10:** [Shared Concerns in Open Research Communities](#) (17:00 UTC)



Acknowledgements:

- Kirstie Whitaker, Project Lead, Director - Tools, Practices and Systems
- Malvika Sharan, Co-lead, Senior Researcher - Open Research
- *The Turing Way* community, friends & collaborators

The
Alan Turing
Institute



Useful links:

- Book: the-turing-way.netlify.com
- Twitter: twitter.com/turingway
- Newsletter: tinyletter.com/TuringWay
- GitHub: github.com/alan-turing-institute/the-turing-way
- All artwork by Scriberia:
<https://doi.org/10.5281/zenodo.3332808>

