Creating a Jupyter Book with *The Turing Way*

module 2: Introduction

module 2.1:

Introduction to *The Turing Way*

by Kirstie Whitaker
@kirstie_j

"

The Turing Way is an **open source book project** that involves and supports a **diverse research community** in ensuring that reproducible and ethical **data science** is accessible and comprehensible **for everyone**.

"

Academic errors have real world effects

https://statmodeling.stat.columbia.edu/2013/04/16/memo-to-reinhart-and-rogoff-i-think-its-best-to-admit-your-errors-and-go-on-from-there

Academic errors have real world effects

https://statmodeling.stat.columbia.edu/2013/04/16/memo-to-reinhart-and
-rogoff-i-think-its-best-to-admit-your-errors-and-go-on-from-there
https://www.bbc.co.uk/news/magazine-22223190

To be fully reproducible we have to cover all the steps of the research cycle

And that is super overwhelming...but we're here to help

COLLABORATION

PROJECT DESIGN

REPRODUCIBILITY

COMMUNICATION & OUT REACH

the TURING WAY

ETHICS

TOO EASY NOT TO DO

Scriberia

jupyterCON 7
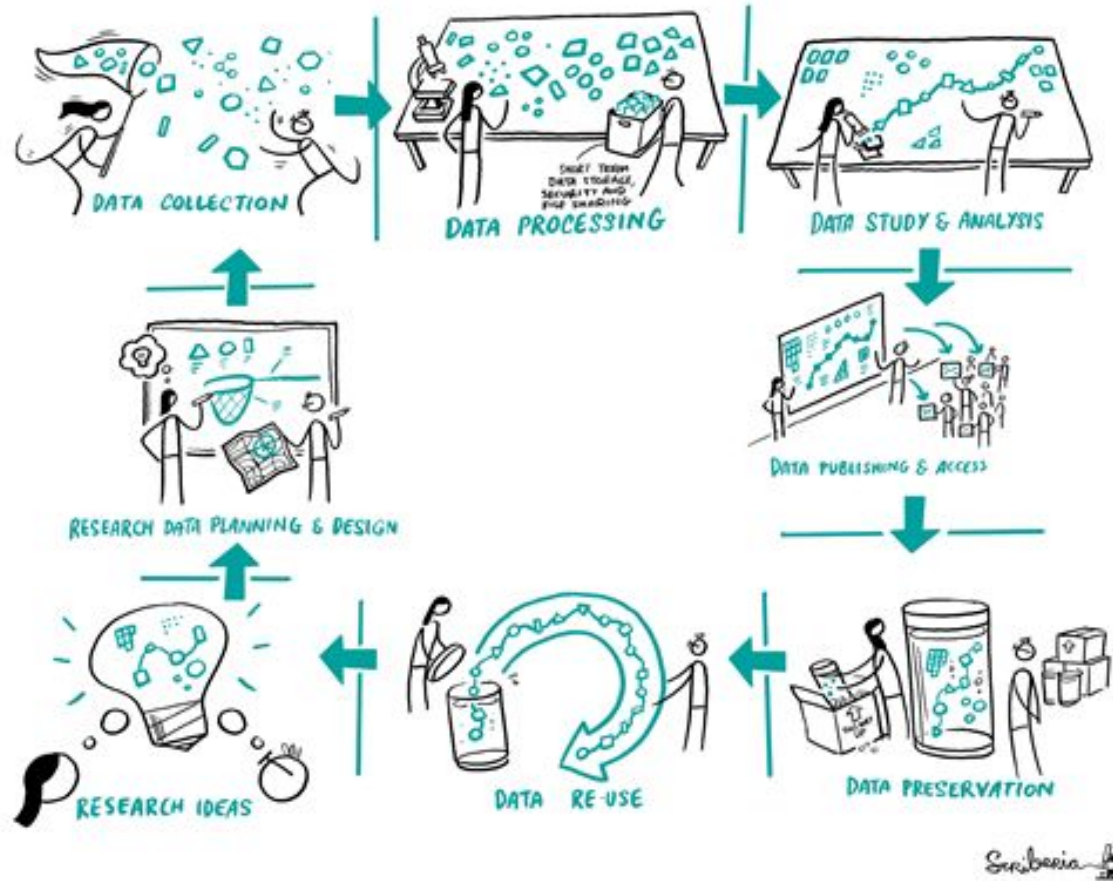
Open Leadership Principles

Understanding
You make the work accessible and clear

Sharing
You make the work easy to adapt, reproduce, and spread

Participation & Inclusion
You build shared ownership and agency to make the work inviting and sustainable for all.

moz://a

Tools, Practices and Systems at the Alan Turing Institute

- Trustworthy systems
- Transparent reporting
- Inclusive interoperable design
- Ethical integrity
- Respectful co-creation
- Leadership in open research

Trust

Transparency

Inclusivity

Integrity

Respect

Leadership

https://www.turing.ac.uk/research/research-programmes/tools-practices-and-systems

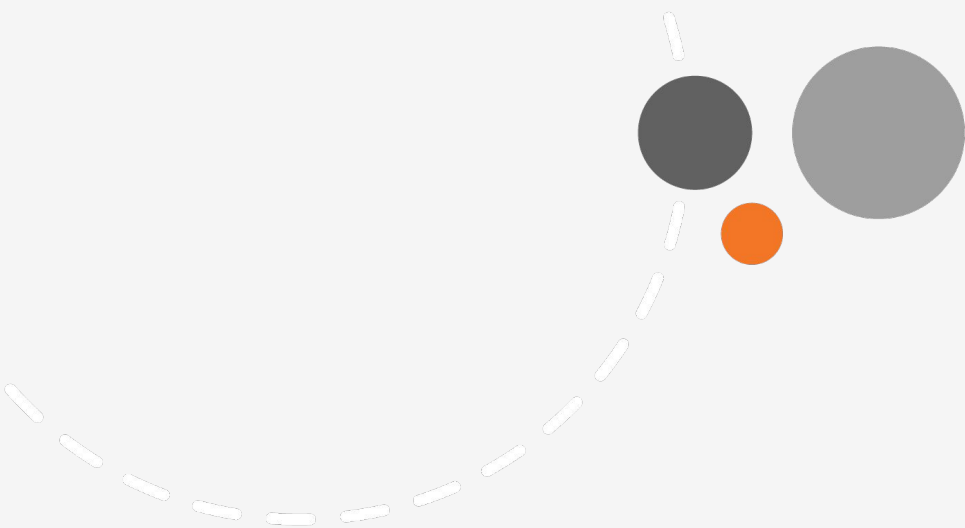# Tools, Practices and Systems at the Alan Turing Institute

- Trustworthy systems
- Transparent reporting
- Inclusive interoperable design
- Ethical integrity
- Respectful co-creation
- **Leadership in open research**

© Bence Máté

thanks

Visit the tutorial and tell us how we can improve it!
github.com/jupytercon/2020-jupyterbook-with-turing-way

jupyter**con**