

# Software Carpentry 14-17 April, 2020



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Participants are expected to follow our code of conduct:

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## This Document:

<https://edu.nl/tcyt9>



## Workshop website:

<https://escience-academy.github.io/2020-04-14-SWC-online/>



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## Helpers:

Evert Rol, Sarah Alidoost, Jaro Camphuijsen, Heather Andrews Mancilla, Nicolas Dintzner, Brett Olivier

## Roll Call:

name / affiliation / pronouns (optional) / contact, social media etc. (eg. twitter)

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## Agenda:

[Schedule on the workshop website](#)



## Getting help:

- icons below participants list:
  - go slower
  - go faster
  - when finished assigned task: 'yes' green tick icon
  - when could not finish the assigned task 'no' cross icon
- to ask question, type **/hand** in chat window
- to get help, type **/help** in chat window
- you can ask questions in the document or chat window and helpers will try to help you



## Collaborative Documents

[Day 1](#)

[Day 2](#)

[Day 3](#)

[Day 4](#)

## Resources

Socratia Python Tutorials on YouTube:

[https://www.youtube.com/watch?v=bY6m6\\_IIN94&list=PLi01XoE8jYohWFpC17Z-wWhPOSuh8Er-](https://www.youtube.com/watch?v=bY6m6_IIN94&list=PLi01XoE8jYohWFpC17Z-wWhPOSuh8Er-)

Python for Data Science:

<https://jakevdp.github.io/PythonDataScienceHandbook/>

Python for Data Analysis

<https://bedford-computing.co.uk/learning/wp-content/uploads/2015/10/Python-for-Data-Analysis.pdf>

Dive into Python

<https://diveintopython3.problemsolving.io/>

Using Python from R (especially powerful in combination with RMarkdown)

<https://pabrod.github.io/PyR-en.html#PyR>

## Icebreaker

Victor:

1. I am a physicist ++
2. I like climbing --
3. I have lived in Italy ++

Pablo:

1. I considered joining a circus as a professional path - -+ - -+-
2. I've never done climbing + - + - ---+-
3. **I've visited all the continents (except Antarctica)** - +++ +--+--

Paula ML

- I have lived in 5 countries -++++++-++
- **I am a yoga instructor** +-+-+---+-
- I have no programming skills +---+--

Nicolas:

- I've had too much coffee ++ +++++++ (from author: Never!)
- X86 assembly is, in my opinion, the best language - +-----
- I don't really understand how a computer works +- -----+--

Marco Dal Molin:

- I love cycling ++ +++++++
- **I never lived abroad-** - \_-----
- Python lover ++ +++-+++

Heather: +

- **The city I was born no longer exists** + +----++
- I was once taken by the police because I stole something at a supermarket -++ -----++-

- I know esperanto+-+ --+---+

Bruna:

- I am not an internet explorer user+++ +++++++
- I had a running-away horse little accident++ +++++++
- I love dutch lunch menu (bread and cheese)- - +-----

Terezinha Souza

- I once jumped out of a moving car + ----+
- I am a very flexible yogi -++-+--+
- I am a plant enthusiast, taking care of many species ++ +++++

Michela:

- I love cats + ++++++
- I love coffee + ++++++
- I love waking up early in the morning - -----

Johan:

- My favourite composer is Mozart +-++- (<- Actually it's Bach)
- I can't work without coffee - +--+-- (<- I can't handle coffee anymore)
- I'm an astronomer - +--+-- (<- True!)

Faruk:

- I worked at CERN + +-++
- I won a marathon - - ----
- I was a professional cook +--+--

Elisabeth

- I have hiked 200km in 10 days + +-++
- I can play the guitar, and the piano - +----
- I am a historian + +---

Mateusz:

- I live on an island ++ +----
- I have three kids -- ---+
- I'm a biologist -+ +-+

Banafsheh:

- I have a cat ++++++
- I love playing volleyball ---+-
- I have lived in 4 cities +--+--

Brett:

1. I live in Amsterdam+ +++
2. I am a rocket scientist --- --
3. I don't need more coffee -- ----

Baharak:

- I am a biologist ++ - -+-
- Good mom - ++++++
- Very eager to learn + ++++-

Loredana:

1. I am a physicist -++ +++
2. I am a rock singer -- +-+
3. I like taking photos +++++-

Alessia:

1. I am from Spain+ + -+-
2. I love coffee + + +++ -
3. I used to play violin -- -+++

Allegra:

1. I'm a physicist + +- +-
2. I'm a painter/drawer - - +++++
3. I can't leave without chocolate + +-++