Open Source Sprint Instructions for scikit-learn

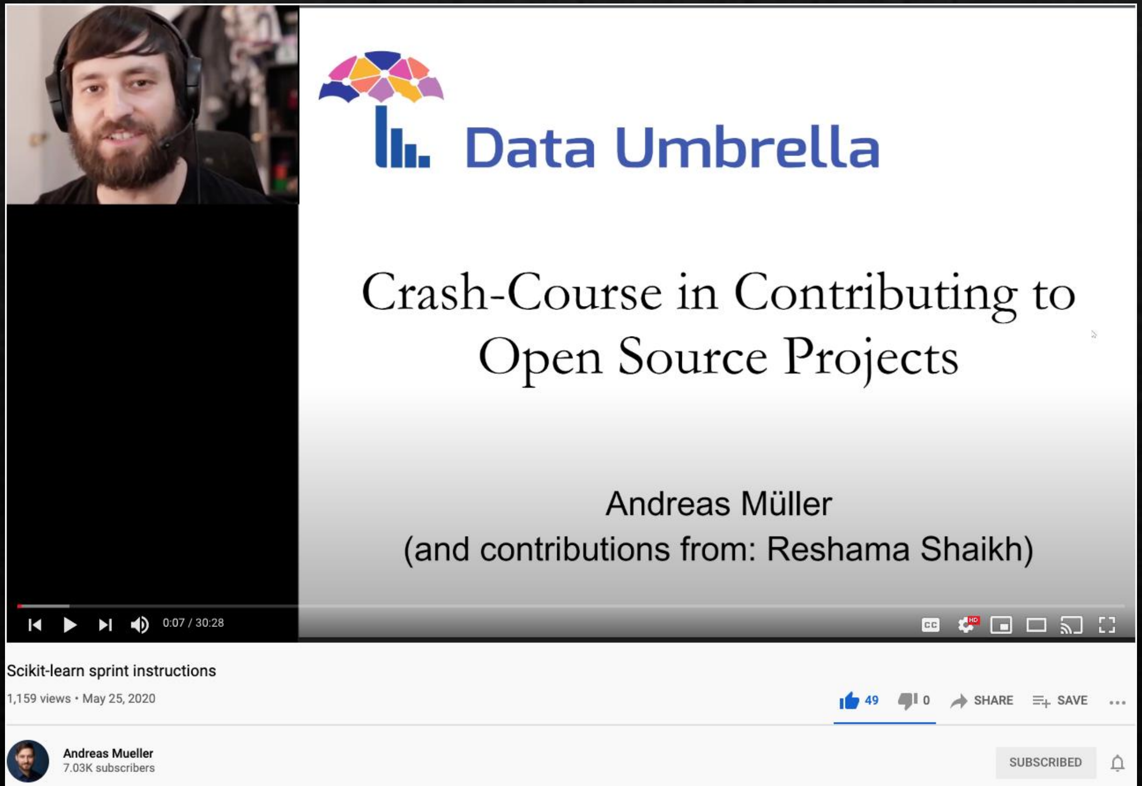
Volume 2

Andreas Mueller
Reshama Shaikh

Check Out the Basics: Videos

www.dataumbrella.org/open-source/contributing-to-scikit-learn

Note: Full transcripts are available



Data Umbrella

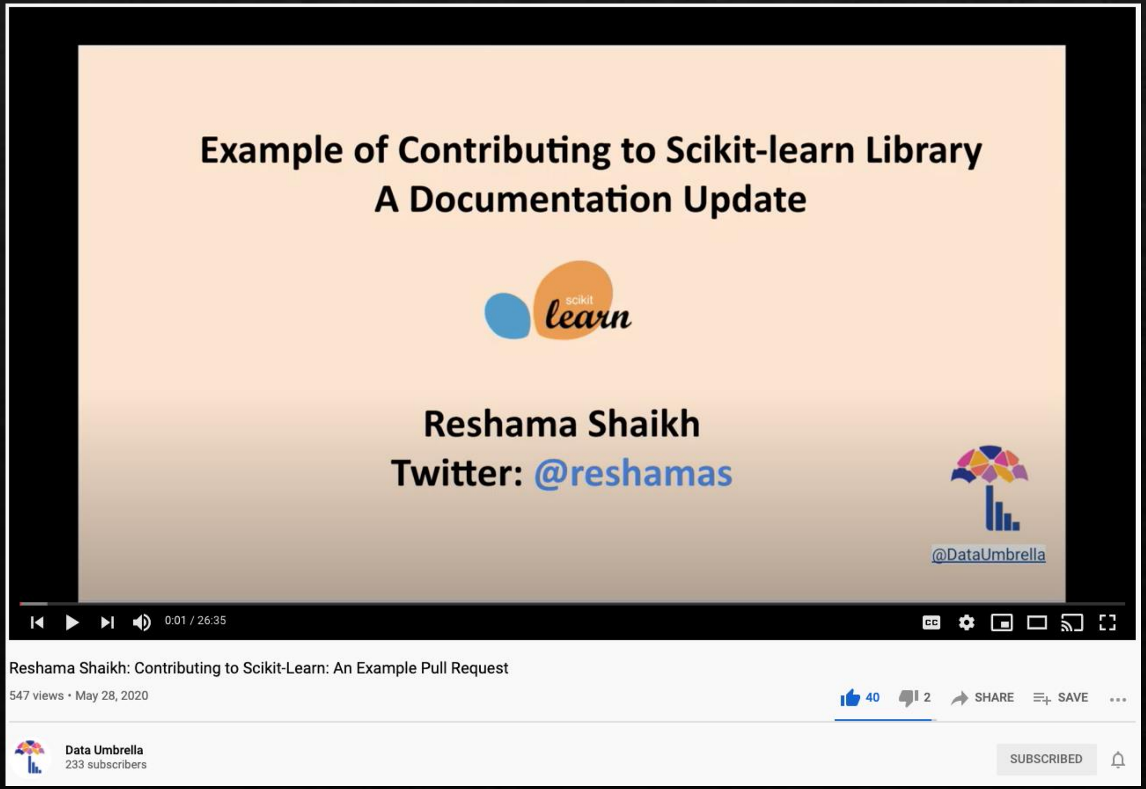
Crash-Course in Contributing to Open Source Projects

Andreas Müller
(and contributions from: Reshama Shaikh)

Scikit-learn sprint instructions

1,159 views • May 25, 2020

Andreas Mueller
7.03K subscribers



Example of Contributing to Scikit-learn Library
A Documentation Update

Reshama Shaikh
Twitter: @reshamas

@DataUmbrella

Reshama Shaikh: Contributing to Scikit-Learn: An Example Pull Request

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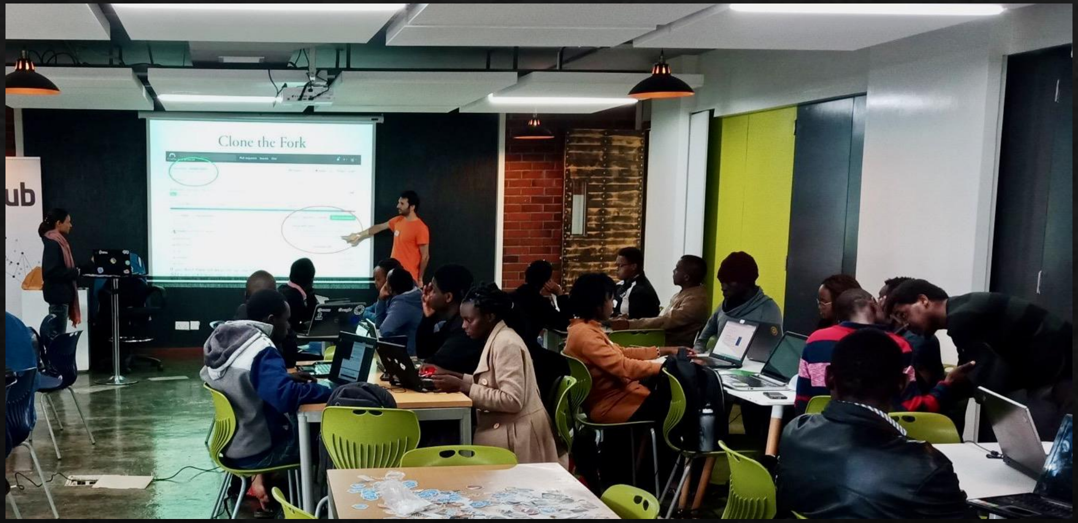
Pair Programming

- Get more done (or at least better)!
- Have more fun!
- Learn more!



Pair Programming: TIPS

- Be patient with each other
- Talk through your thoughts and every step
- Let the less familiar person drive

See https://medium.com/@weblab_tech/pair-programming-guide-a76ca43ff389

Navigating the Code

- Find the code
- Find the test
- Find the documentation
- (Find the examples)

Code at https://github.com/scikit-learn/scikit-learn

Navigating the Code [just notes]

Basics of Sphinx

sphinx-doc.org

- Grabs the docstrings from Python files
- Dedicated documentation (= user guide) written in RST
- On-demand generation of html

Updating your branch(es)
"sync" repo

```
git checkout feature_branch

git pull upstream master
```

<potentially resolve conflicts>

```
git push origin feature_branch
```

Branches and your second pull request (PR)

- Create a new branch for every new feature
- Make sure you switch back to master and updating before making a new branch:

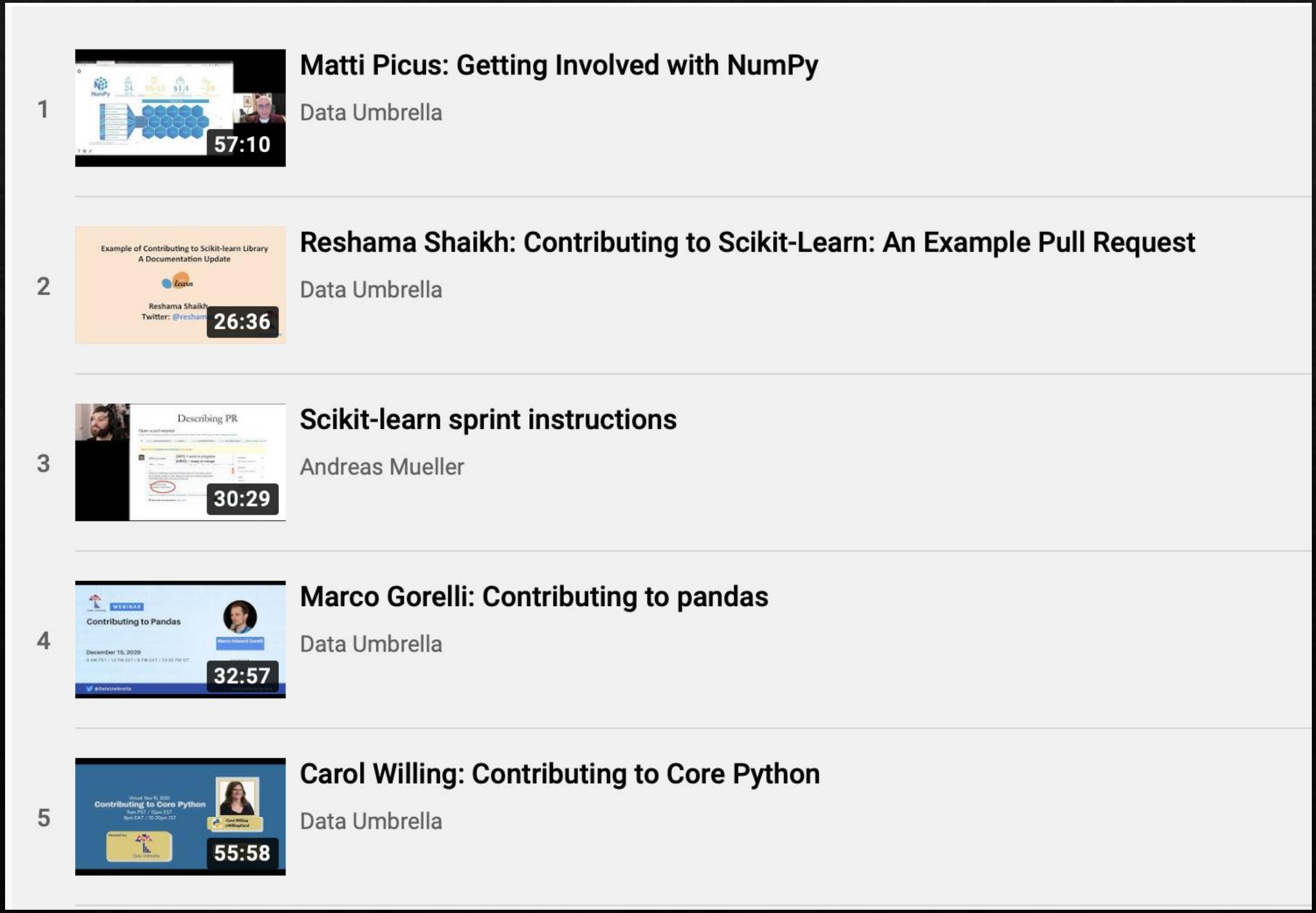
```
git checkout master
git checkout –b another_feature_branch
```

- Messed up?

```
git reset --soft upstream/master
```

Data Scientists:
Can also contribute to other libraries

https://www.youtube.com/c/dataumbrella



1 Matti Picus: Getting Involved with NumPy
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57:10

2 Reshama Shaikh: Contributing to Scikit-Learn: An Example Pull Request
Data Umbrella
26:36

3 Scikit-learn sprint instructions
Andreas Mueller
30:29

4 Marco Gorelli: Contributing to pandas
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32:57

5 Carol Willing: Contributing to Core Python
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55:58