

Introduction to Machine learning with scikit-learn
Bioinformatics Training Room, Maine
Connecticut

Friday Sep 6, 10am-6pm

Workshop website
[python-machine-learning-ct/](https://smcclatchy.github.io/2019-09-06-python-machine-learning-ct/)

Lesson website
[of-4](https://github.com/amueller/ml-workshop-1-of-4)

This etherpad
[python-machine-learning-ct](https://pad.carpentries.org/2019-09-06-python-machine-learning-ct)

The Jackson Laboratory
Holt Conf Room & Room 2440,

[https://smcclatchy.github.io/2019-09-06-](https://smcclatchy.github.io/2019-09-06-python-machine-learning-ct/)

[https://github.com/amueller/ml-workshop-1-](https://github.com/amueller/ml-workshop-1-of-4)

[https://pad.carpentries.org/2019-09-06-](https://pad.carpentries.org/2019-09-06-python-machine-learning-ct)

Welcome to Machine Learning with scikit-learn

We will use this Etherpad to share links and snippets of code, take notes, ask and answer questions, and whatever else comes to mind.

The page displays a screen with three major parts:

- The left side holds today's notes: please edit these as we go along. you can take notes
- The top right side shows the names of users who are logged in: please add your name and pick the color that best reflects your mood and personality.
- The bottom right is a real time chat window for asking questions of the instructor and your fellow learners.

Instructor

- Dr. Andreas Mueller, Columbia University

Helpers

- Sandeep Namburi, Research IT
- Anne Deslattes Mays, Research IT
- Joshy George, Computational Sciences
- Daniel Danis, Robinson Lab
- Jim Kadin, Mouse Genome Informatics

Participants

Please add yourself to the participant list below by name and affiliation.

Setup

If you are familiar with git, it is most convenient if you clone the GitHub repository. This is highly encouraged as it allows you to easily synchronize any changes to the material.

- git clone <https://github.com/amueller/ml-workshop-1-of-4.git>

If you are not familiar with git, you can download the repository as a .zip file by heading over to the GitHub repository (<https://github.com/amueller/ml-workshop-1-of-4>) in your browser and click the green “Download” button in the upper right.

Resources for Learning Python

- *Python Data Science Handbook* <https://jakevdp.github.io/PythonDataScienceHandbook/>
- *Introduction to Machine Learning with Python* <http://shop.oreilly.com/product/0636920030515.do>
- Python documentation: <https://docs.python.org/3/>
- *Learn Python the Hard Way*: <https://learnpythonthehardway.org/python3/>
- *Elegant SciPy*: <http://shop.oreilly.com/product/0636920038481.do>

Sticky Notes: Use these on the back of your laptop to indicate that you're happy and everything is fine, and use the other color to indicate that you're having difficulty keeping up or that you need someone to stop by to help you.

Post-workshop survey

Please take a few minutes to complete this very brief survey before leaving.

<https://www.surveymonkey.com/r/ml-post>

Thanks!