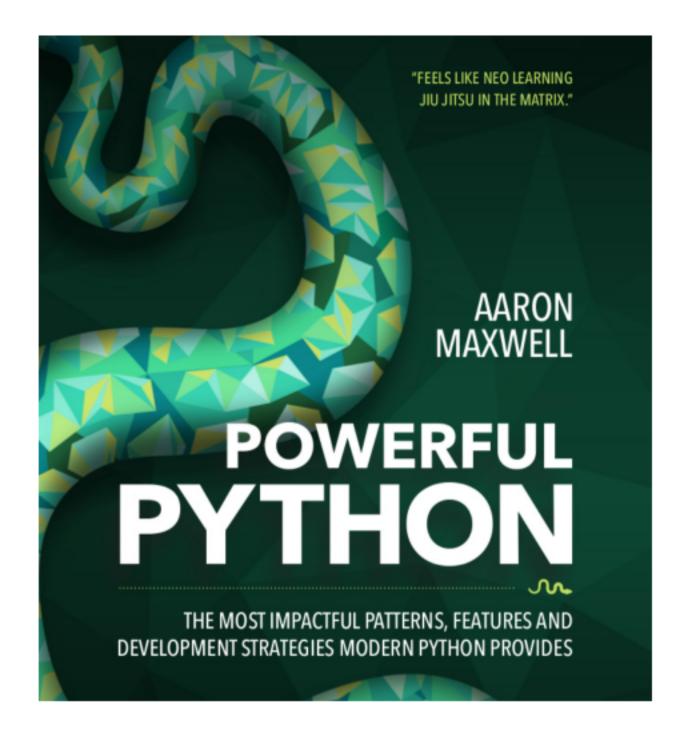
# Pythonic Test-Driven Development

### Welcome

#### I'm your host, Aaron Maxwell.

- Author of Powerful Python
- aaron@powerfulpython.com
- On twitter:
  - @powerfulpython (professional)
  - @redsymbol (personal)



In this class, you learn a **superpower**: how to write automated tests in Python.

### How we will proceed

#### Download courseware ZIP:

- Click on the green "Resource List" icon
- Or fetch from: https://powerfulpython.com/courseware-tdd.zip

#### What's included:

- PDF course book
- Slides
- README.txt with pointers
- Labs (i.e., programming exercises more on that later)

Give you a break every hour (10 minutes).

Give me a thumbs up. (Let's try it now)

Ask questions anytime.

## Python versions

Most code I show you will run in both Python 2 and 3.

Where it's different, I'll code in Python 3, and point out the differences. (There won't be many.)

You can do the programming exercises in either 3, or 2.7.

## What makes perfect?

Practice, practice, practice.

- Practice syntax (typing things in)
- Practice programming (higher-level labs)

I expect you to do your part!

You **exponentially** get out of this what you put into it. **GO FOR IT.** 

## Running the labs

Labs are the main programming exercises.

When done, click the thumb's up, and give a HIGH FIVE in the chat room.

**Then:** Move on to the extra credit.

## Getting the most

We'll take some class time for each lab. You may not finish, but it's critically important that you at least start when I tell you to.

After we're done for the day, find time to finish all the main labs before tomorrow.

Solutions are provided. Use them wisely, not foolishly:

- After you get the lab passing, compare your code to the official solution.
- · Other than that, don't look at them if you can avoid it.
- The more work you can do on your own, the more you will learn. Peek at the solution to get a hint when you really need it.

Optional (only for future master Pythonistas): Do all the extra labs as well, as soon as you can manage.