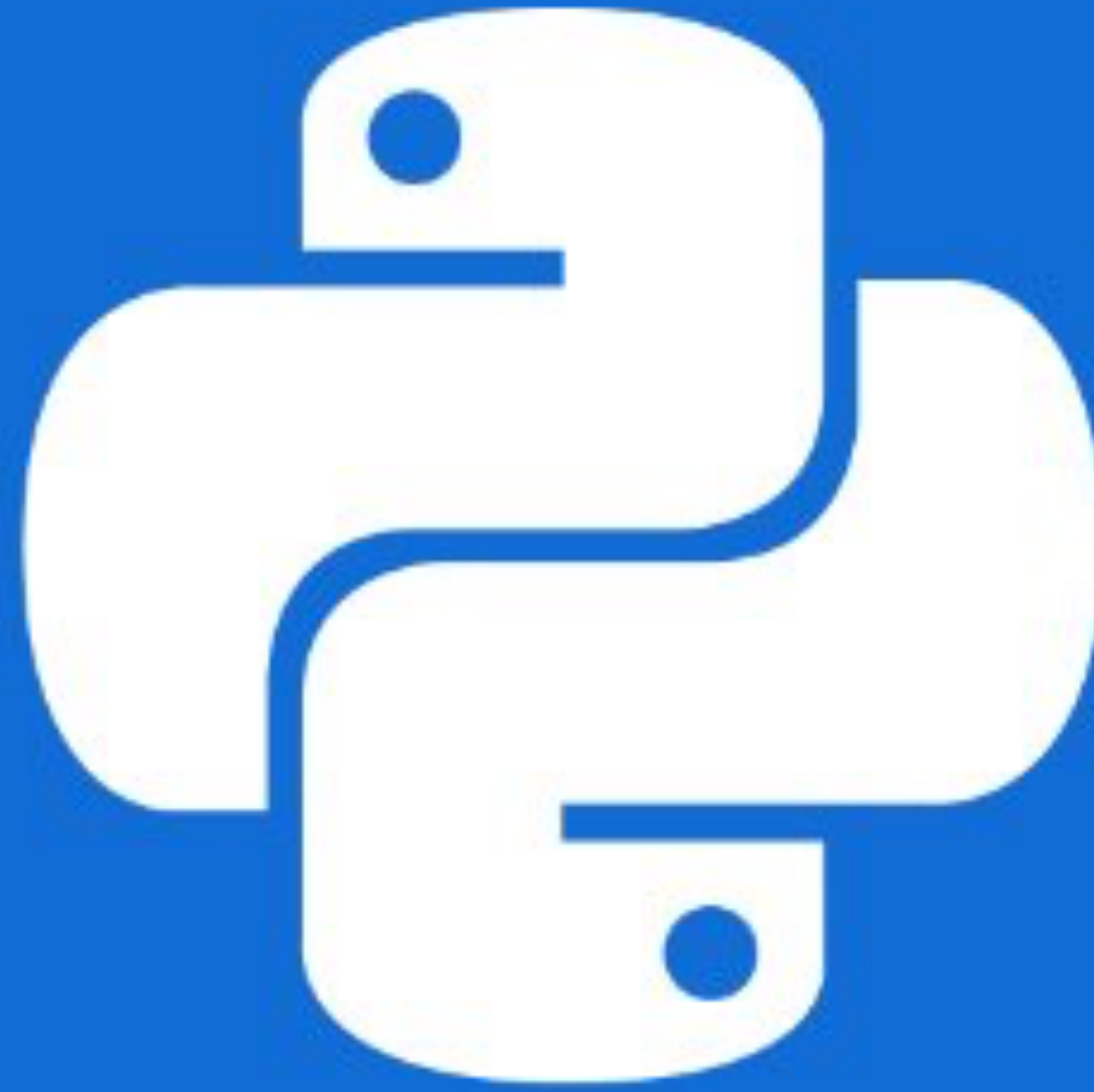


Python



Workshop

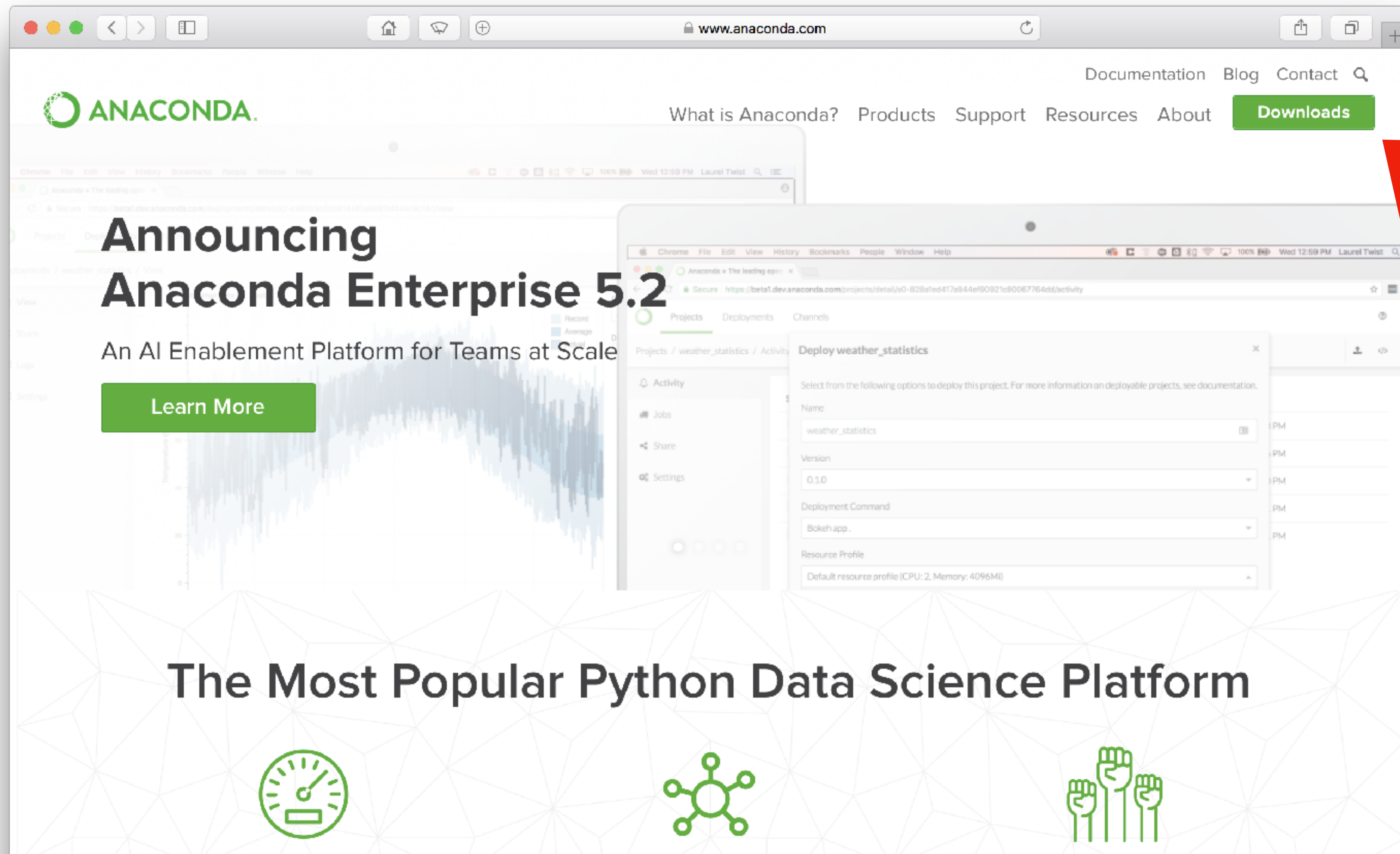
September 7, 2017

KnoxPy

Download Python 3

2

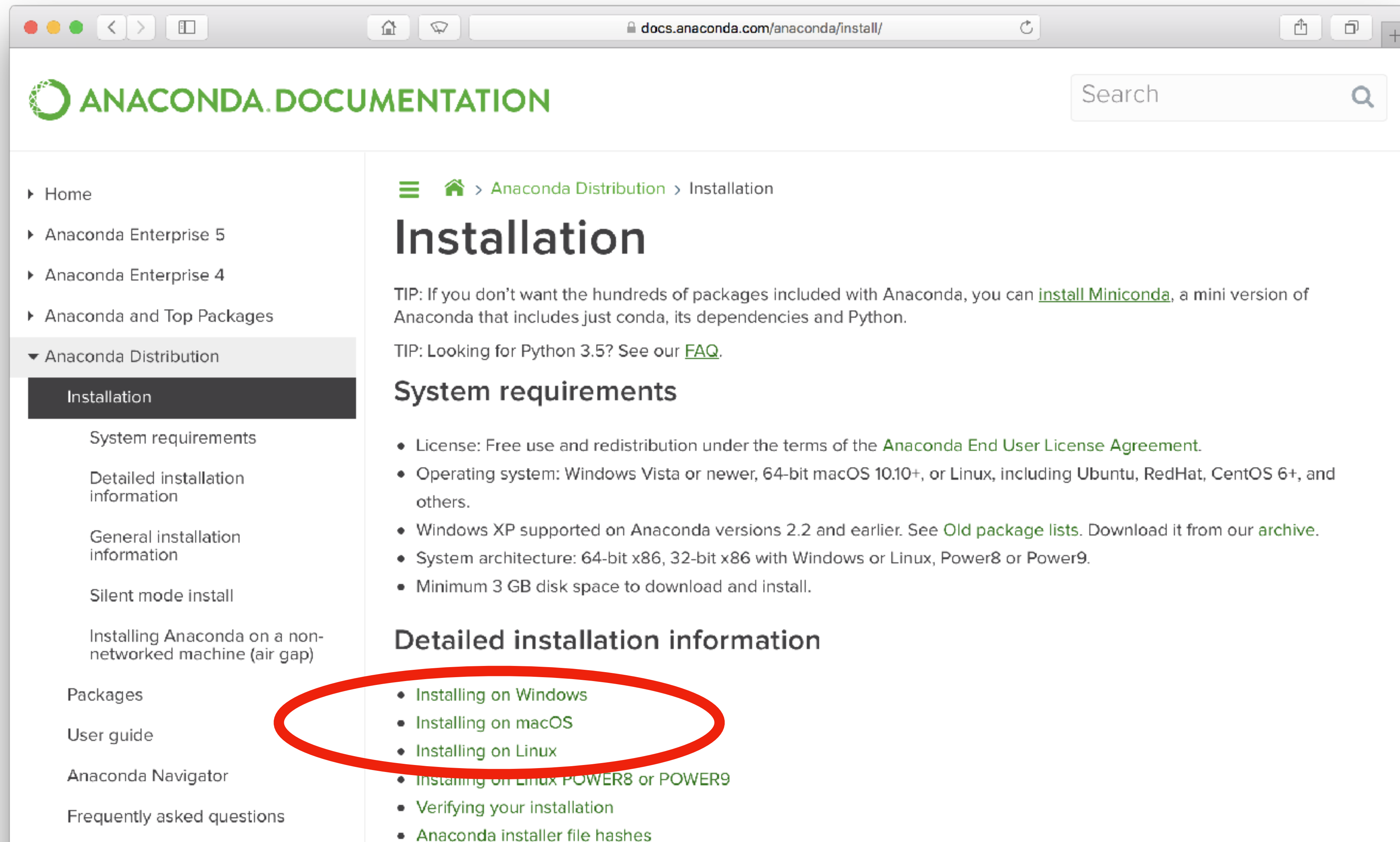
<https://www.anaconda.com>



Installation instructions

3

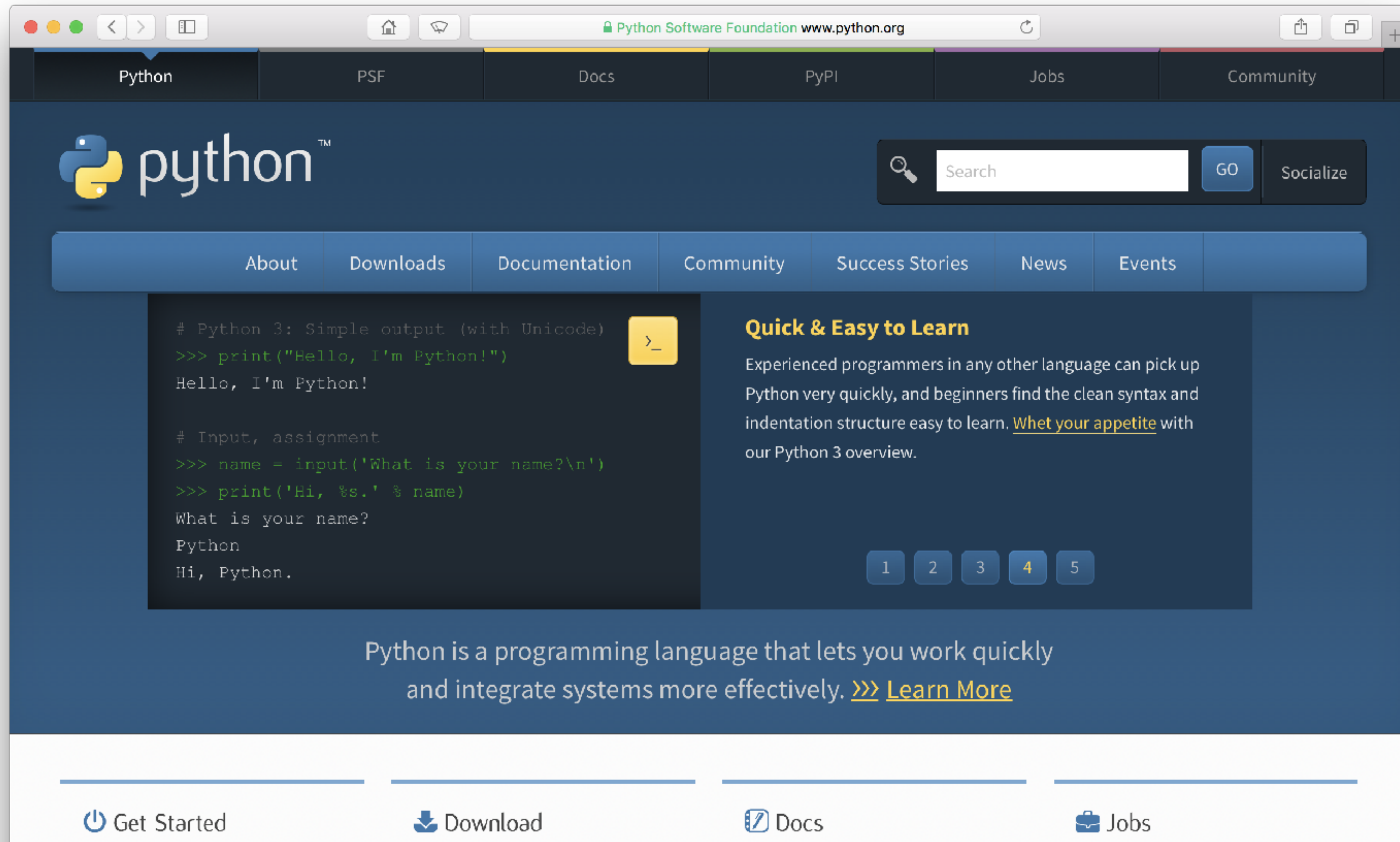
<https://docs.anaconda.com/anaconda/install/>



Python documentation

4

<https://www.python.org>





PyCharm

<https://www.jetbrains.com/pycharm/>



Sublime Text

<https://www.sublimetext.com>



Spyder IDE

<https://github.com/spyder-ide/spyder>



iPython

<https://ipython.org>



Jupyter Notebook

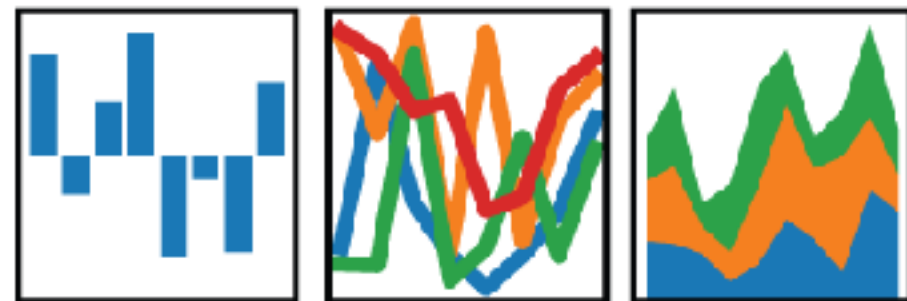
<http://jupyter.org>



Visual Studio Code

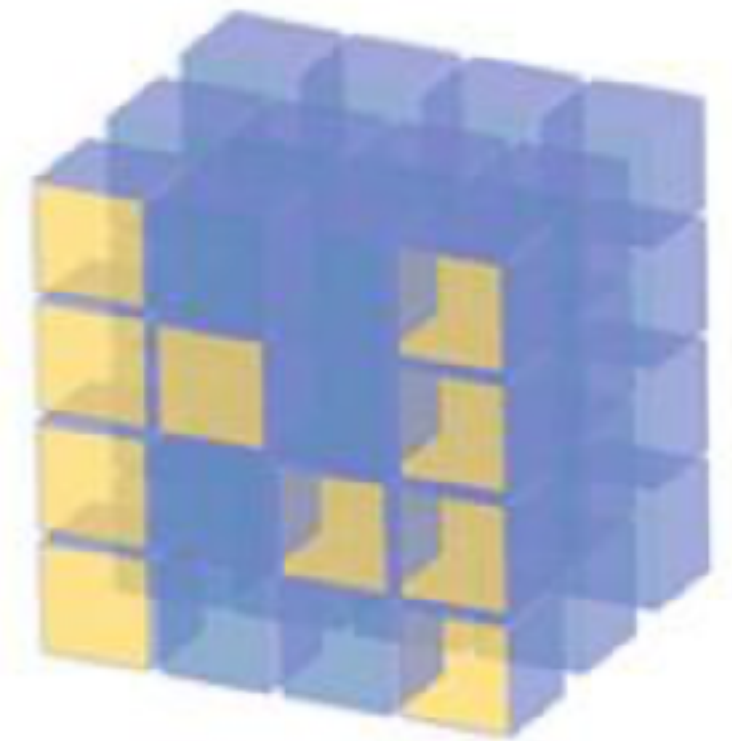
<https://code.visualstudio.com>

pandas
 $y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$



Pandas

<http://pandas.pydata.org>



NumPy

<http://www.numpy.org>



SciPy

<https://www.scipy.org>



Flask

<http://flask.pocoo.org>

matplotlib

Matplotlib

<http://matplotlib.org>



Requests

<http://docs.python-requests.org>

Modules (Packages)

7



MicroPython

<https://micropython.org>



CircuitPython

<https://github.com/adafruit/circuitpython>



SQLAlchemy

<https://www.sqlalchemy.org>



Bokeh

<https://bokeh.pydata.org>



Django

<https://www.djangoproject.com>

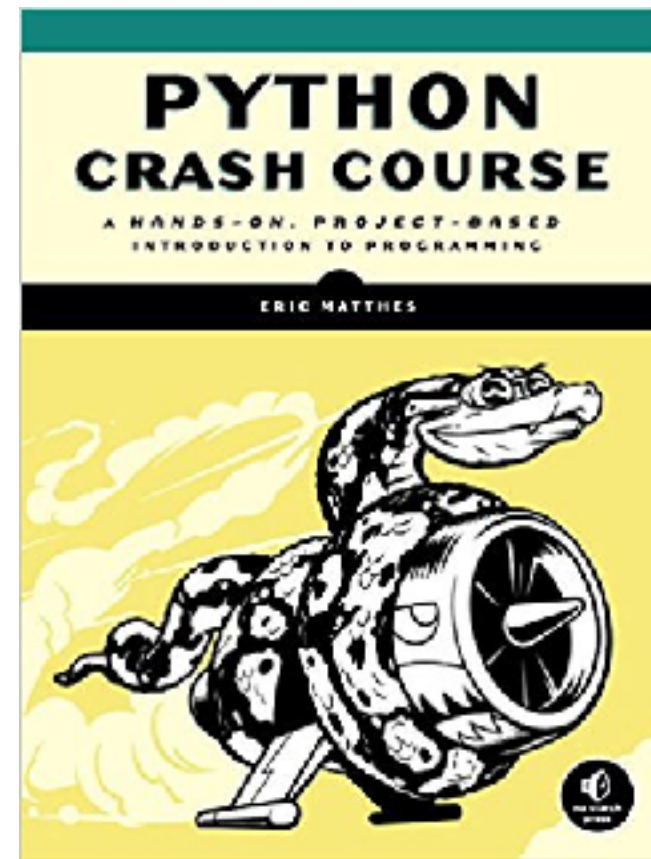


SymPy

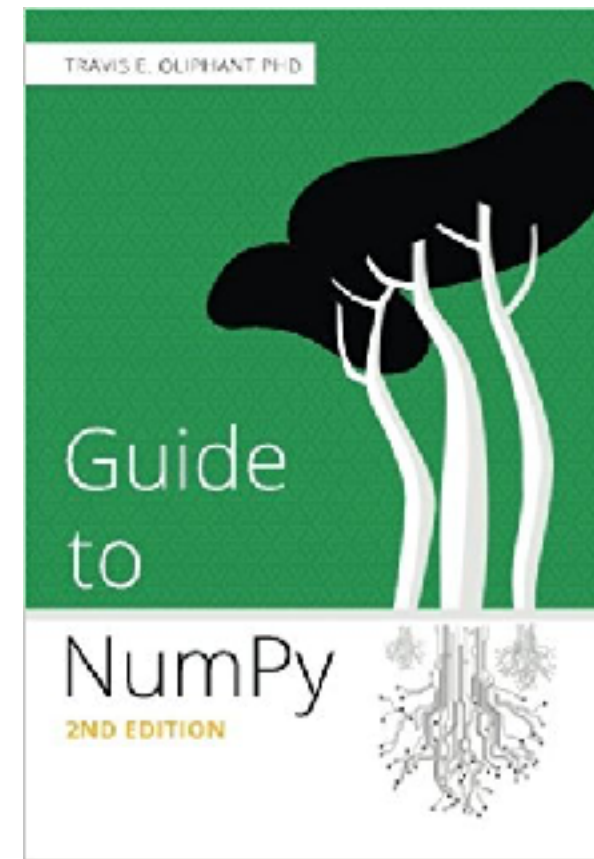
<http://www.sympy.org>

Books

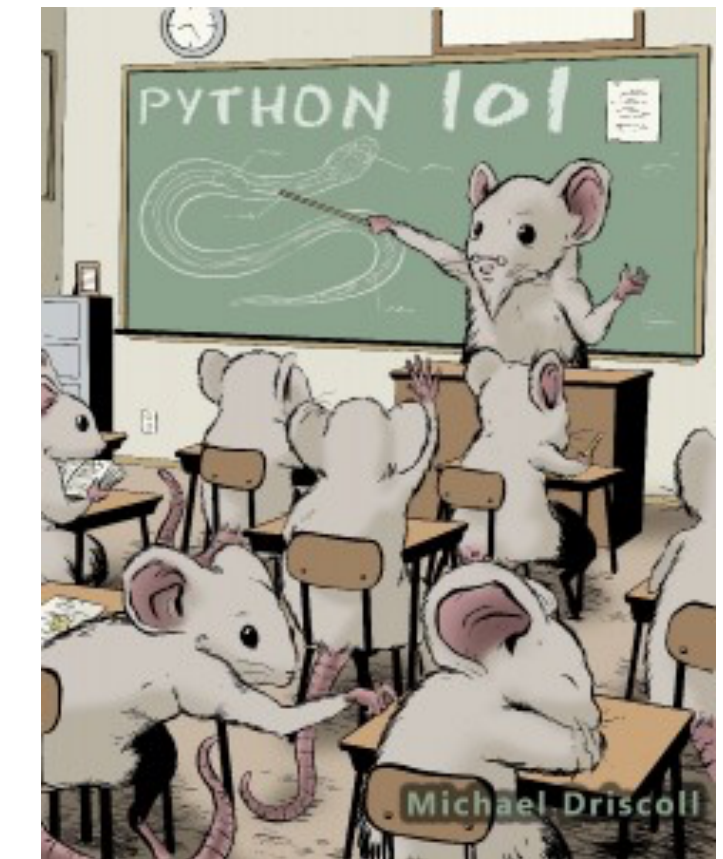
8



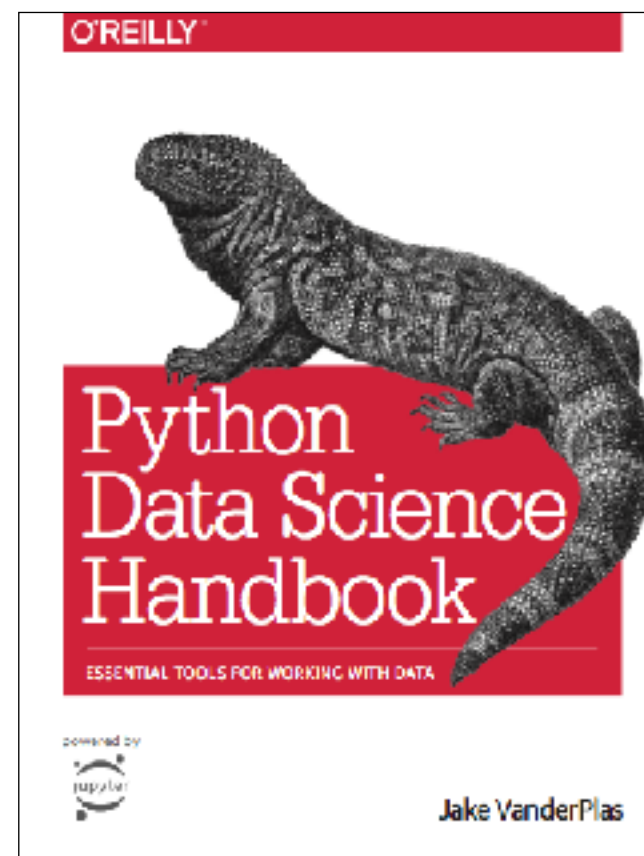
Python Crash Course
by Eric Matthes



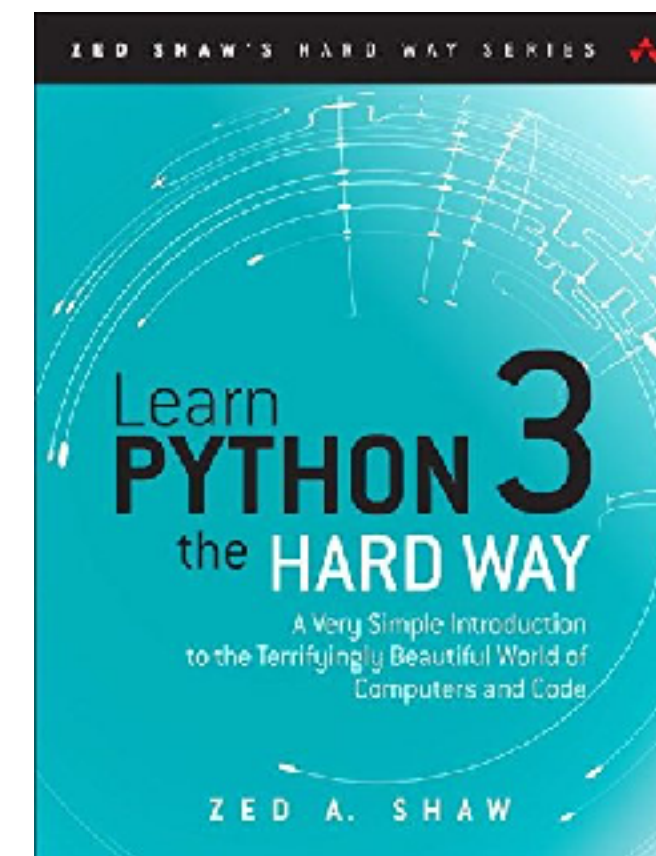
Guide to NumPy
by Travis Oliphant



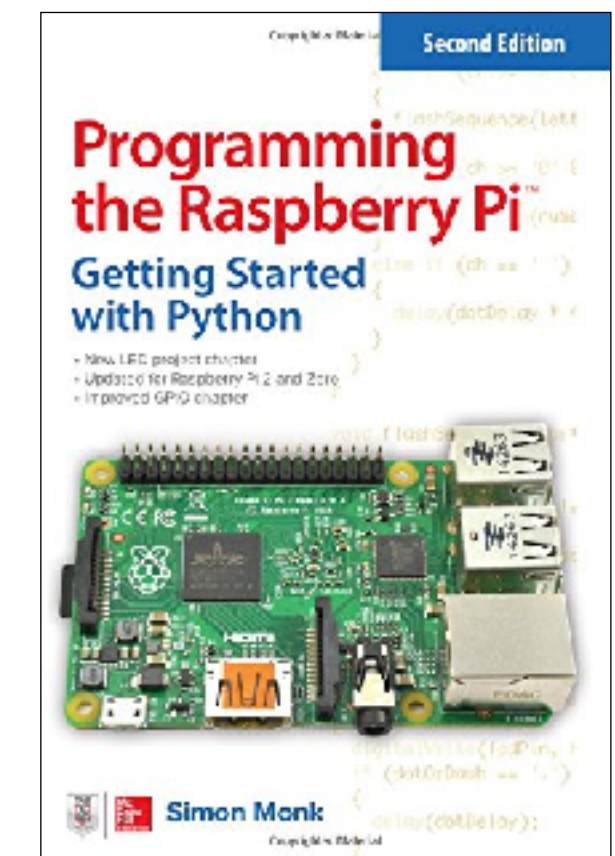
Python 101
by Michael Driscoll



Python Data Science Handbook
by Jake VanderPlas



Learn Python 3 the Hard Way
by Zed Shaw



Programming the Raspberry Pi
by Simon Monk

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



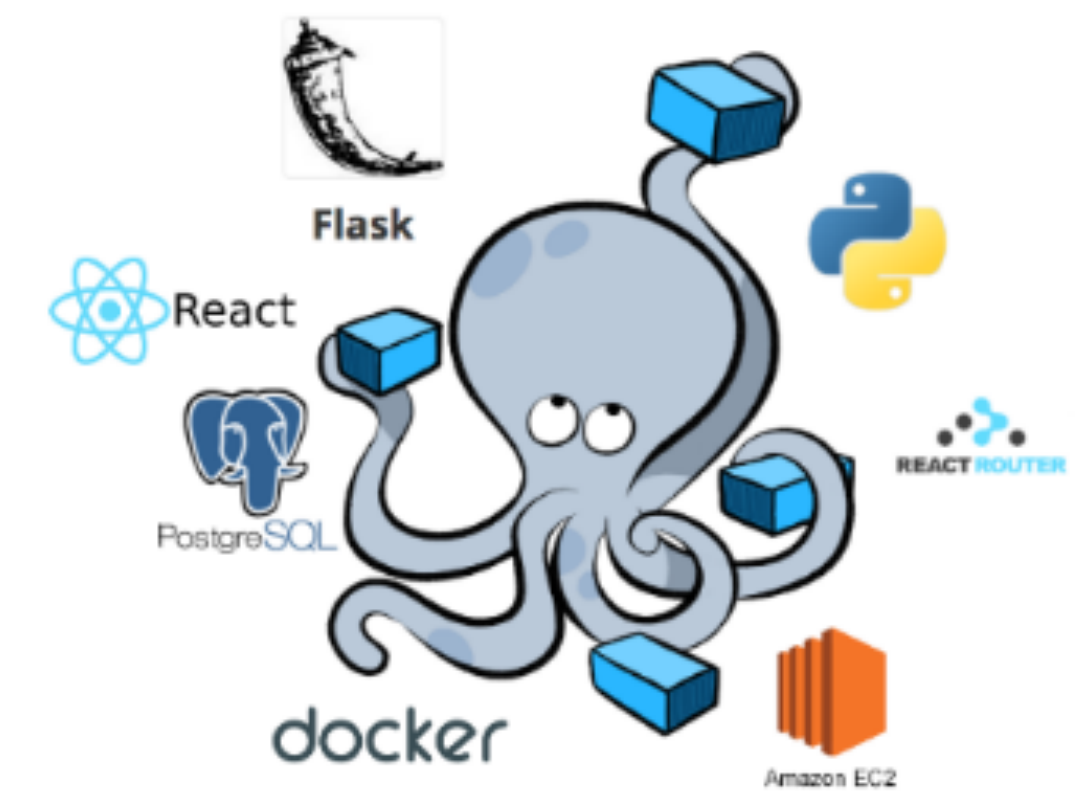
DataCamp

<https://www.datacamp.com>



Snakify

<https://snakify.org>



Test Driven Development

<http://testdriven.io>



LearnPython

<https://www.learnpython.org>



Coursera

<https://www.coursera.org>



Udacity

<https://www.udacity.com>

Conferences

10



SciPy

scientific computing conference

<https://conference.scipy.org>



PyCon

largest gathering for open-source python

<https://us.pycon.org>



PyTennessee

regional conference in Nashville

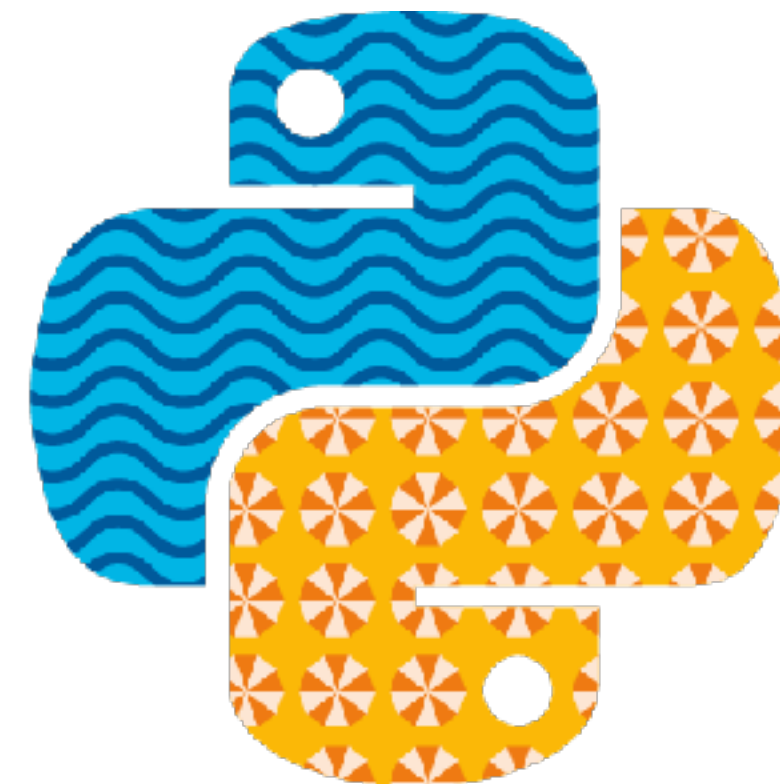
<https://www.pytennessee.org>



AnacondaCon

open data science conference

<https://anacondacon18.io>



EuroPython

largest European python conference

<https://ep2017.europython.eu/en/>



PyOhio

free annual python conference

<https://pyohio.org>

More Resources

11

<https://github.com/knoypy/python-resources>

The screenshot shows the GitHub repository page for `knoypy / python-resources`. The repository description is "List of websites, books, classes, blogs, and tools for Python developers". It has 44 commits, 1 branch, 0 releases, and 3 contributors. The latest commit by `wigging` is titled "Python 101 and 201 books my Mike Driscoll" and was made a month ago. The repository contains a `README.md` file. The `README.md` content includes the title "Resources for Python" followed by a list of resource categories: Books, Conferences, Courses, Editors, Machine Learning, Mailing Lists, Podcasts, Tools, Twitter, Video, and Visualization.

GitHub, Inc. github.com/knoypy/python-resources

This repository Search Pull requests Issues Marketplace Explore

knoypy / python-resources Unwatch 1 Star 6 Fork 2

<> Code Issues 0 Pull requests 0 Projects 0 Settings Insights

List of websites, books, classes, blogs, and tools for Python developers Edit

python Manage topics

44 commits 1 branch 0 releases 3 contributors

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wigging committed on GitHub Python 101 and 201 books my Mike Driscoll Latest commit 2b927f9 on Aug 5

README.md Python 101 and 201 books my Mike Driscoll a month ago

README.md

Resources for Python

Books | Conferences | Courses | Editors | Machine Learning
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Next steps

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Attend more KnoxPy meetings! <http://knoxpy.org>

