

Introduction to Python



What you'll learn:

Introduction to Python

Python for Data Analysis

Machine Learning with Python

Prerequisites:

None

Tutorials:

Introduction to Python:

<https://www.learnpython.org/> (more tutorials in the section below)

Computing Fundamentals - Python for Data Analysis course:

[GitHub Repo](#) | [Launch the Online Tutorial in Binder!](#)

Computing Fundamentals - Machine Learning with Python course:

[GitHub Repo](#) | [Launch the Online Tutorial in Binder!](#)

Additional online resources for learning Python:

- Software Carpentry Intro to Python course: <https://swcarpentry.github.io/python-novice-inflammation/>
- Python Data Science Handbook: <https://jakevdp.github.io/PythonDataScienceHandbook/>
- [A whirlwind tour of Python](#) by Jake Vanderplas 2016 (full text of his free O'Reilly book; link to GitHub with Jupyter Notebooks, Python3)
- [Introduction to Python](#) by Tal Yarkoni within Neurohackademy 2018 (1 hr 16 min, lecture with code slides and live coding)
- [Python programming](#) by Valentina Staneva within Neurohackweek 2016 (course material & code shared)
- [Python tips and tricks](#) by Tal Yarkoni within Neurohackweek 2016 (58 min, lecture with code slides and live coding)
- [Scientific computing with Python](#) by Luke Chang within MIND 2018 (24 min, lecture)
- [An introduction to Python!](#) is course made by Thomas Donoghue

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