

08 January 2022

Python Crash Course

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Lesson 1



About me:

- Accenture Chair 2020 alumnus
- Senior FP&A Analyst at Campari
- Focus on: Corporate Finance and Office Automation
- Taught last Python Crash Course
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Syllabus:

python*

Slot 1 - Introduction:

data types (ints, floats, strings, bools)

Slot 2 – «guess a number» game:

- data types (list, dict)
- loops

Slot 3 – «what's your favourite tv series» game:

functions

Slot 4 – web scraping for wines:

- connecting to a website
- downloading data

The course:



- If you need the basics: follow the lessons and acquire the skills required from the Chair
- If you are intermediate: complete the «FeelBored» exercises and get feedback (come back for lesson 4)

Material:

Based, with minor changes, on Jerry Pussinen (2018), Learn Python 3.

A few requests:

- Turn camera on
- Try to do as many exercises as possible
- Ask questions / feedback
- Complete a short questionnaire using only your knowledge https://forms.gle/BcHSGo8NGEbkQoF99

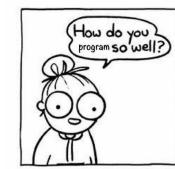


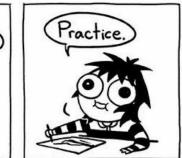
Installing Python

On Mac, Python2 is already installed. DO NOT UNINSTALL IT, or you will break your Mac! You still need to install Python3.

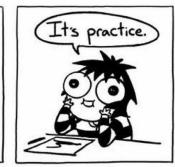
Choose one of the suggested installation:

- Anaconda (recommended, especially on Windows)
- Miniconda (if you have low space on your PC or you know how to use the terminal in place of a GUI)
- Python.org (Vanilla Python) (not particularly recommended)
- Google Colab (no installation). You can run the first notebook with this <u>link</u>













O Sarah Andersen



Lorenzo Cerreta



Course Materials

- Course Materials will be available on Github (Github is to programmers something like Wikipedia + Google Docs):
 https://github.com/ElLorans/PythonCrashCourse
- You will find a folder with the notebooks we will show in class and a folder named «exercises». If «JupyterExercises» and «PyExercises» are too easy for you, feel free to try the «FeelBored» folder.
- If you want to ask a question that can benefit the whole class, please raise an issue on Github.



End of the course

- For the next 2 weeks, I will answer questions about exercises at b00758824@essec.edu
- Exercises are available at https://github.com/ElLorans/PythonCrashCourse

