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Python Crash Course

Lesson 1

Lorenzo Cerreta

About me:

- Accenture Chair 2020 alumnus

- Senior FP&A Analyst at Campari

- Focus on: Corporate Finance and Data Analytics

- Founder @ Exibero

- Taught last 2 Python Crash Courses

- Linkedin: https://www.linkedin.com/in/lorenzo-cerreta/

- Email: b00758824@essec.edu / lorenzo.cerreta@gmail.com

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Syllabus:

Slot 1 (Jan 8) – Introduction:
- data types (ints, floats, strings, bools)
- conditionals

Slot 2 (Jan 9) – «guess a number» game:
- data types (list, dict)
- loops

Slot 3 (Jan 11) – «what's your favourite tv series» game:
- functions

Slot 4 (Jan 14) – web scraping for wines:
- connecting to a website
- downloading data

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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/7jn2jySb7zjjYYCq6
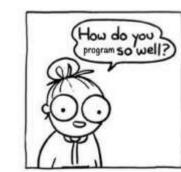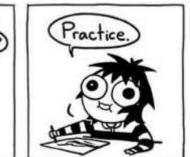
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Installing Python

On Mac, Python2 or 3 are likely already installed. DO NOT UNINSTALL them, or you might break your Mac! You still need to install a separate Python3.

Choose one of the suggested installation:
- Anaconda (recommended, especially on Windows)
- Miniconda (if you either have little 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 link

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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.

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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

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