



Faculty of Economics  
and Management

# Python as a tool of a modern student

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Lecture 3  
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# Important info

**4.4. - course is cancelled !**

→

(we will agree on alternative date later)



# Plan for today

- promised literature
- solution of the homework
- recall from last time (functions)
- OOP - classes
- containers
- introduction to NumPy



# Literature - for further study

- Python from scratch in unusual way:

## M. Lutz *Learning Python*

- Python for data science (~part of our course):

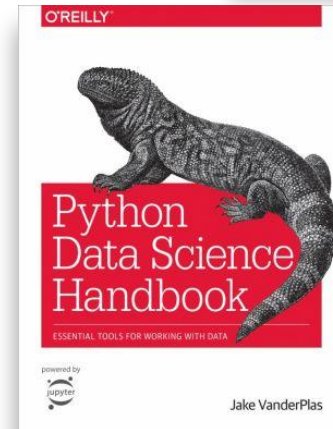
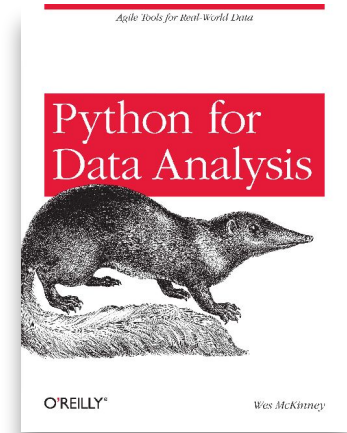
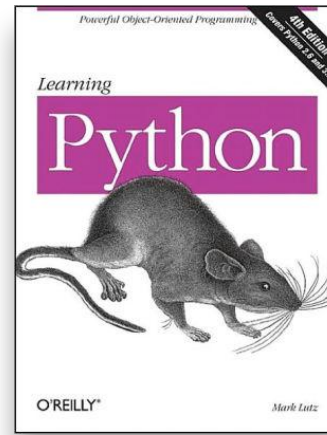
## W. McKinney *Python for Data Analysis*, <https://wesmckinney.com/book/>

- How to handle data in Python  
+ brief intro to machine learning:

## J. VanderPlas *Python Data Science Handbook*

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

- Documentation to packages you need (!)
- Tutorials online (?)



# Not-so-recommended literature

*Solutions that might fix the problem without breaking anything*



*Essential*

Hoping This  
Works

O RLY?

@ThePracticalDev

*It would be a pure function if not for the side effects on your sanity*



Turning Coffee  
Into Code

*The Definitive Guide*

O RLY?

@ThePracticalDev

# Unrelated but interesting: news from “AI world”

- GTC March 2024 Keynote with NVIDIA CEO Jensen Huang

<https://www.youtube.com/watch?v=Y2F8yisiS6E>

