

3,586 Data Science and Cloud Solutions for Start-ups

Prof. Johannes Binswanger & Dominique Paul

Agenda today

1. Alternative resources for learning
2. Notes on Problem set
3. Motivation
4. Introduction to Python

Resources for learning Python

- Two youtube playlists I recommend:
 - Introduction to Python 3 – by Sentdex (Youtube Playlist):
https://www.youtube.com/watch?v=eXBD2bB9-RA&list=PLQVvva0QuDeAams7fkdcwOGBpGdHpXln&index=2&t=70s&ab_channel=sentdex
 - Python Tutorial for beginners - by Corey Schafer (Youtube playlist)
https://www.youtube.com/watch?v=YYXdXT2l-Gg&list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU&ab_channel=CoreySchafer
- Written tutorial for alternative explanations or looking things up:
 - Python Tutorial – by W3 Schools
<https://www.w3schools.com/python/default.asp>
- Hackerrank: Programming practice platform that starts at a very easy level and gradually gets harder. Great for learning and practicing:
<https://www.hackerrank.com/domains/python>

Notes on the Problem Set

- Published end of today
- The problem set will consist out of some easy and some hard problems
- There is not one single correct solution
- For the first problem set you can choose between writing a script or a Jupyter Notebook
- I won't be comparing newcomers code quality with experienced programmers in this course. Learning is valued more in this course and I will be checking that the trajectory between your assignments and final project checks out

Motivation

- https://www.youtube.com/watch?v=dU1xS07N-FA&ab_channel=Code.org

Introduction to Python (Jupyter Notebook)

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