Data Science 2018

About me (Manuel Garrido)

Data Scientist

CTO @ TribeClick and Professor at Lisbon Data Science Academy and ENAE

Consultant → Analyst → Data Scientist
Excel - Excel VBA - R - Python

manugarri.com
hola@manugarri.com

About me (Sean Wade)

Student BYU researching Reinforcement Learning

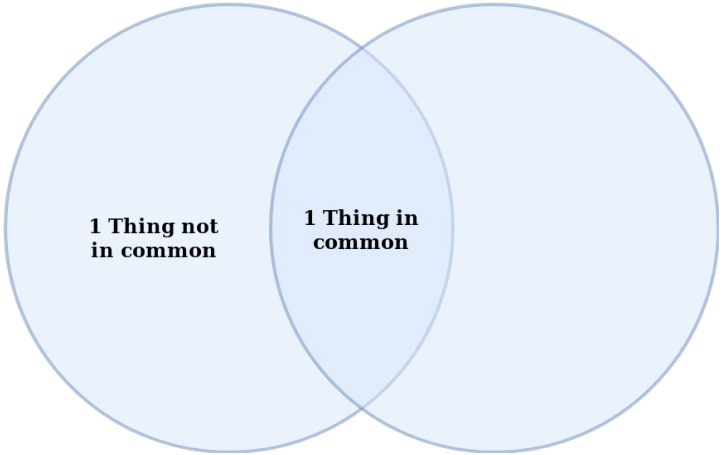
Applied Math Undergrad

Drone Computer Vision for MIT Lincoln Labs and Loveland Innovations -> ML Engineer for Disney

seanwade.com

About you

In groups of 4 , introduce to each other find one thing in common and one thing you don’t



About the program

Topics covered in this program:

1. Programming in Python
2. Unix
3. Exploratory Data Analysis
4. Data Visualization
5. Statistics
6. Machine Learning

- Practical Program, *with just the necessary amount of math*.
- Challenging, but let us know if it's too easy/hard
- Some computing power required.
- Participation is encouraged (*No stupid questions, No wrong answers*).
- Internship information will roll in on week 2
- **Enjoy Lisbon!**

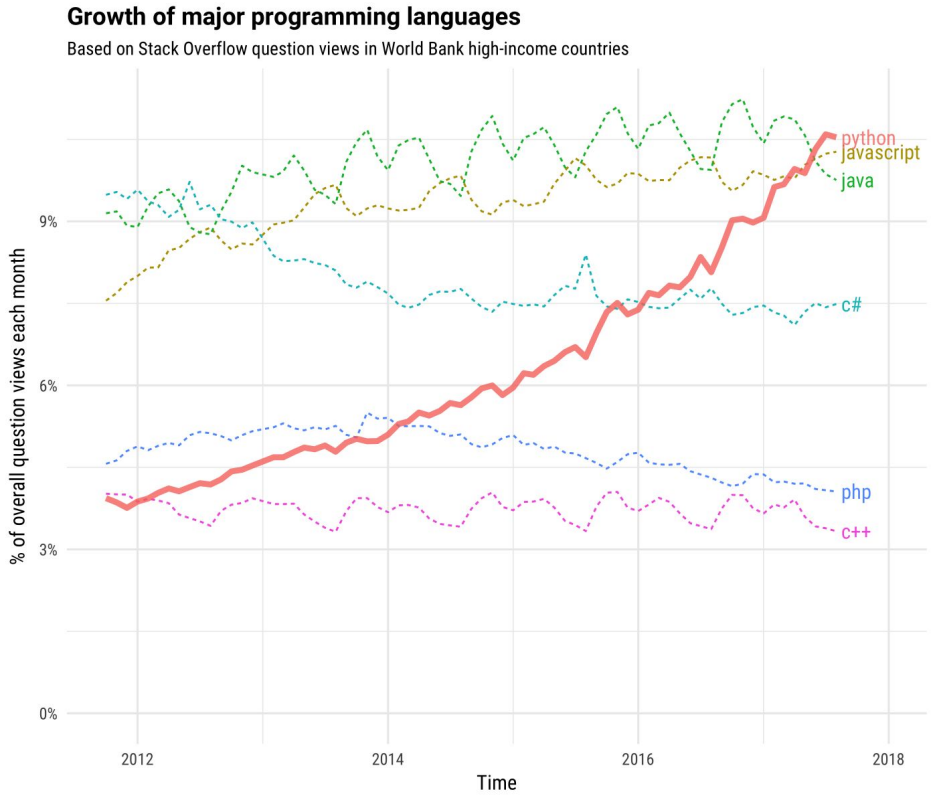
Intro to Python

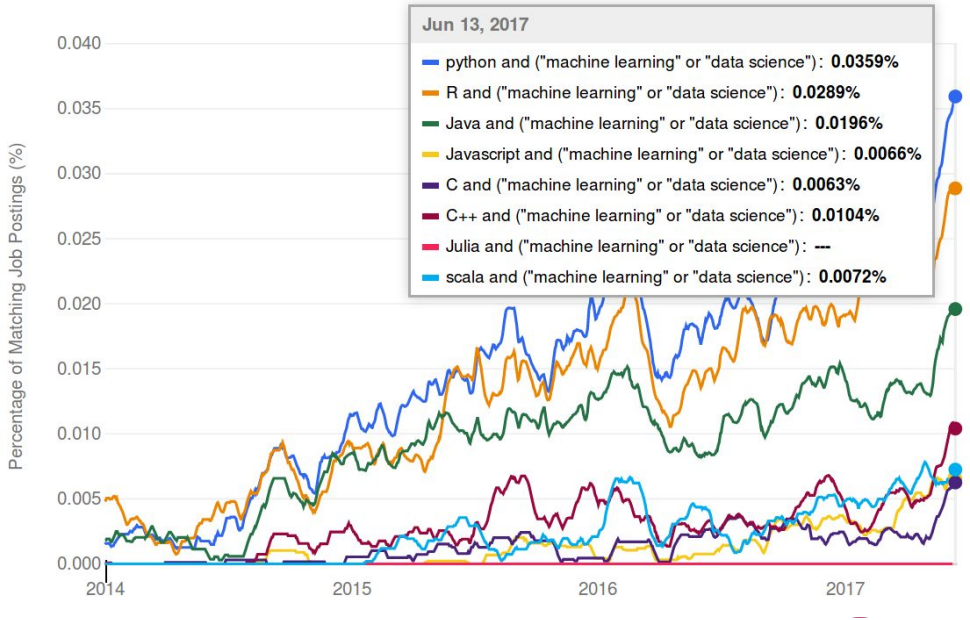
Python Facts

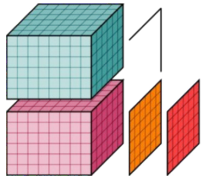
- Programming Language created by Guido Van Rossum in 1991
- Developed by the Python Software Foundation
- Interpreted, object oriented language
- Focus on readability and "*batteries included*"
- Current version: 3.6.5

- ¿Python 2 or **Python 3**?

Python for Data Science

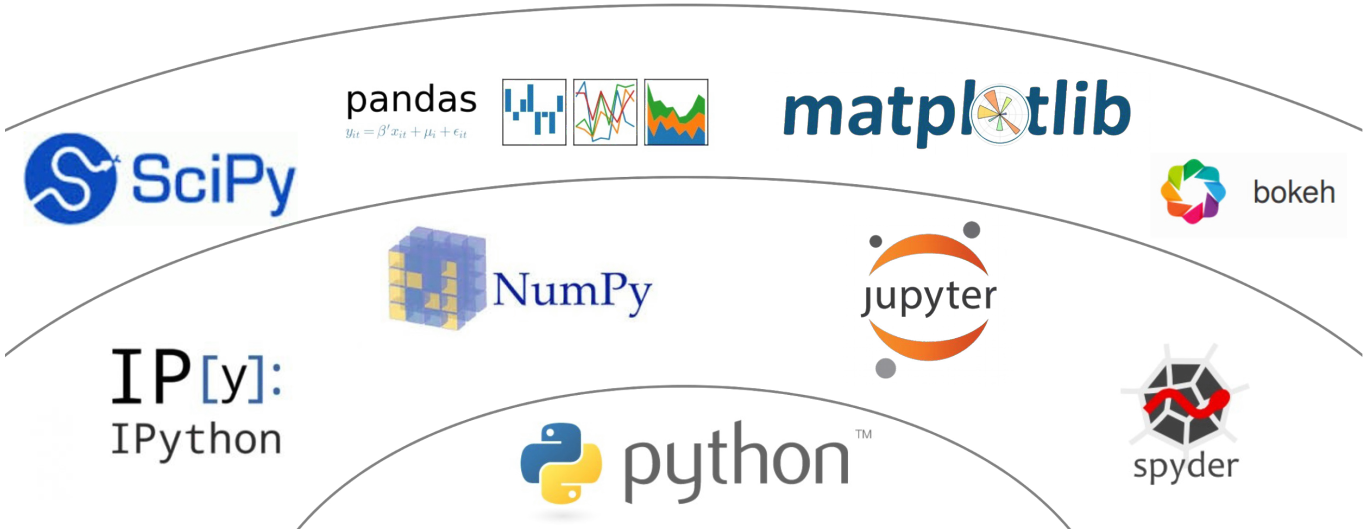






xarray

And many,
many more...



How to find help

- Ask your instructors
- ¡Google!
- Stack Overflow
- Reddit (/r/learnprogramming or /r/learnpython)
- IRC (#python channel)

Show time!