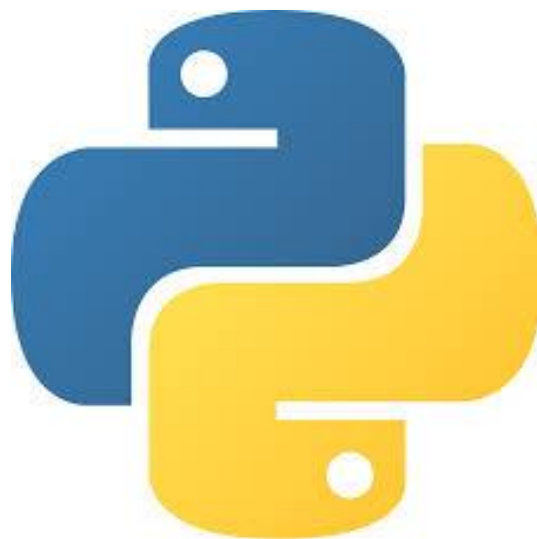


Introduction to Python



Contents

1. **Package and environment management**
2. **Introduction to Python language**
3. **Object oriented programming**
4. **Basic Python modules**
5. **Input and output**
6. **Pandas**
7. **Requests Library**
8. **SQL**
9. **Flask**
10. **Introduction to Raspberry PI**

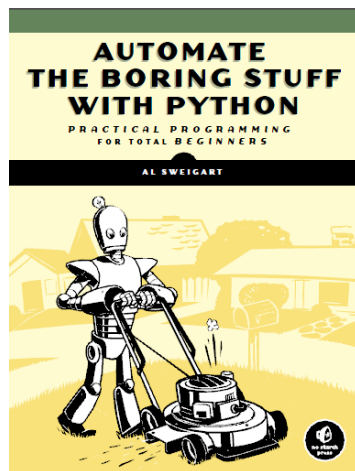
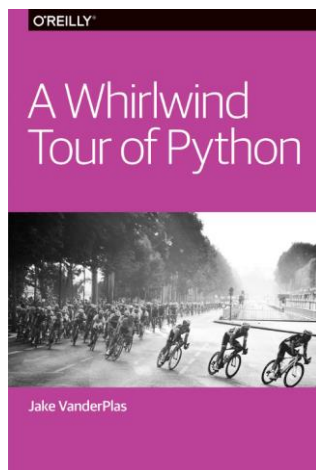
Schedule (20 h)

| Module | Description | Time (h) | Day |
|-----------|------------------------------------|----------|-------------|
| 1 | Package and environment management | 1 | 1 |
| 2 | Introduction to Python language | 2 | 1 |
| 3 | Object oriented programming | 2 | 2 |
| 4 | Basic Python modules | 1 | 2, 3 |
| 5 | Input and output | 2 | 3 |
| 6 | Pandas | 3 | 4 |
| 7 | Requests Library | 1 | 5 |
| 8 | SQL | 3 | 5 |
| 9 | Flask | 3 | 6 |
| 10 | Introduction to Raspberry PI | 1 | 6 |

Sources




Book References



pycse - Python3 Computations in Science and Engineering

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Twitter: @johnkitchen

2015-04-25

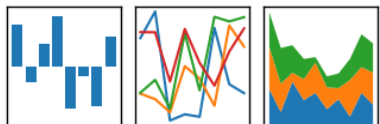
python pycse - Python3 computations in science and engineering
powered 

Sources

Webs

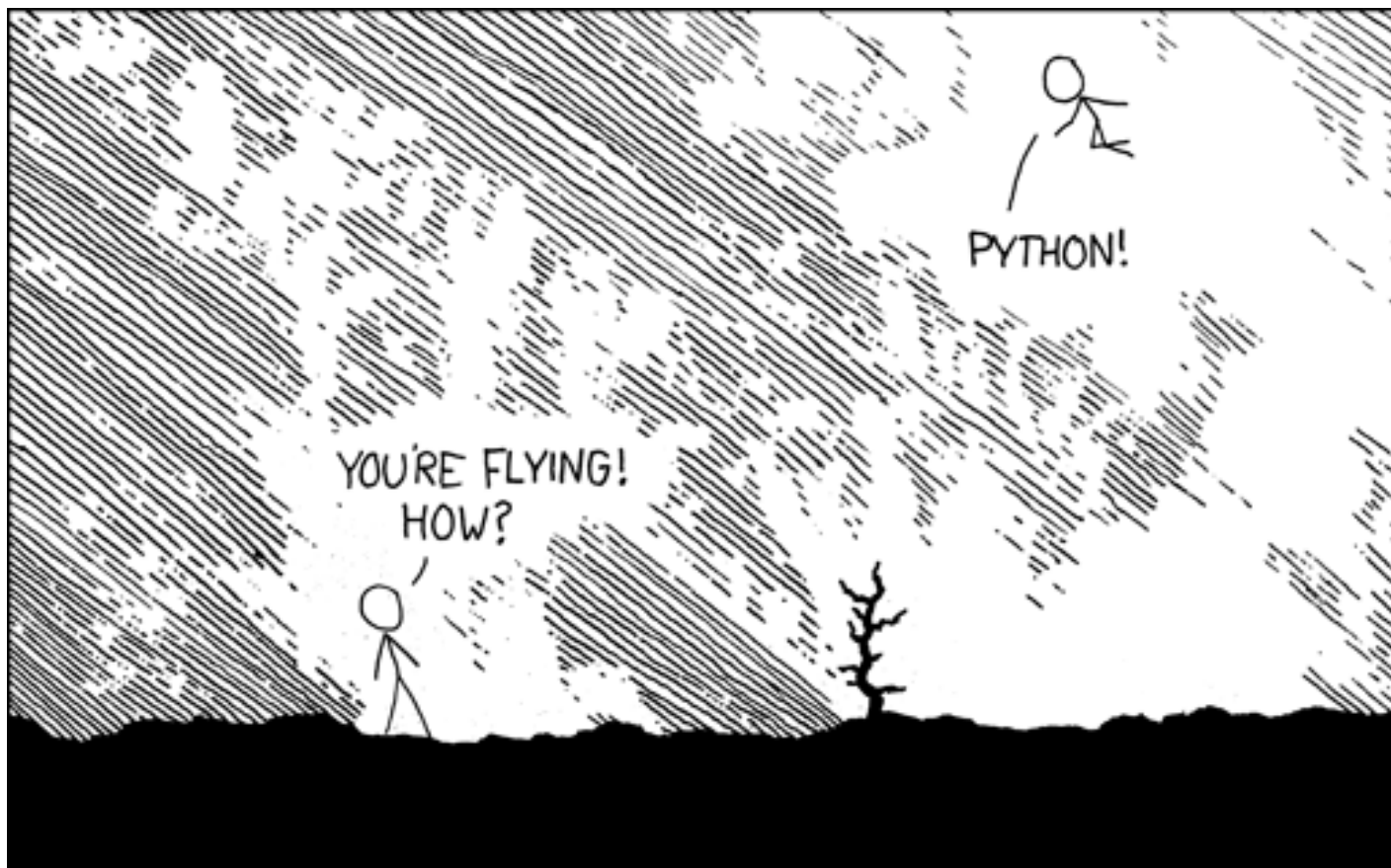


pandas
 $y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$



[https://github.com/CACheME/
introduction-to-python](https://github.com/CACheME/introduction-to-python)

**Files used in this course can be downloaded
here**



Introduction to Python

