### **Python Fundamentals**

Welcome

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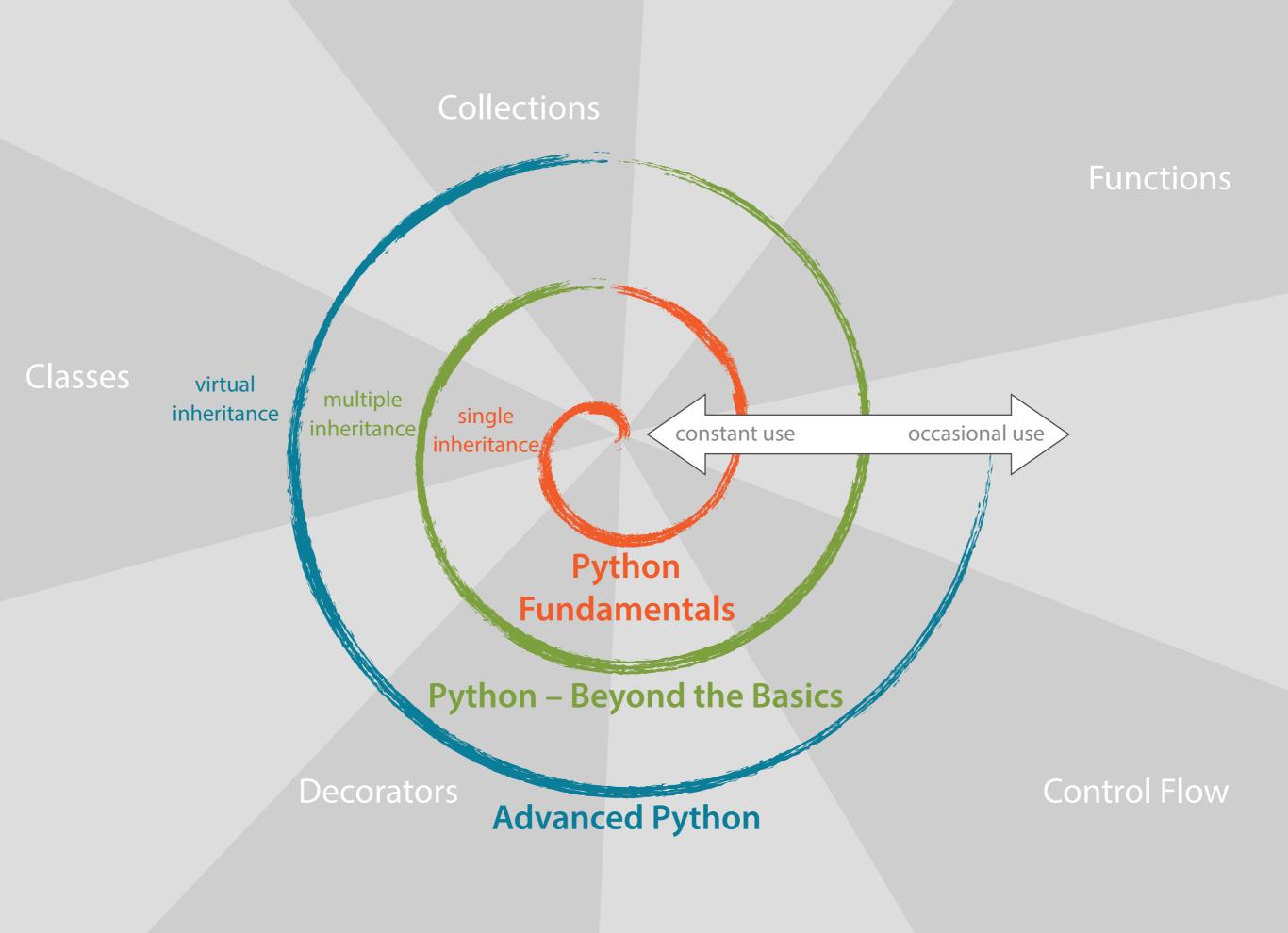




**Advanced Python** 

Python – Beyond the Basics

Python Fundamentals



duck typing

comprehensions

classes

REPL

modules



packaging

exceptions

resources

standard library

iteration

collections

# \* python

### **Expressive Code**

### **Productive Experience**





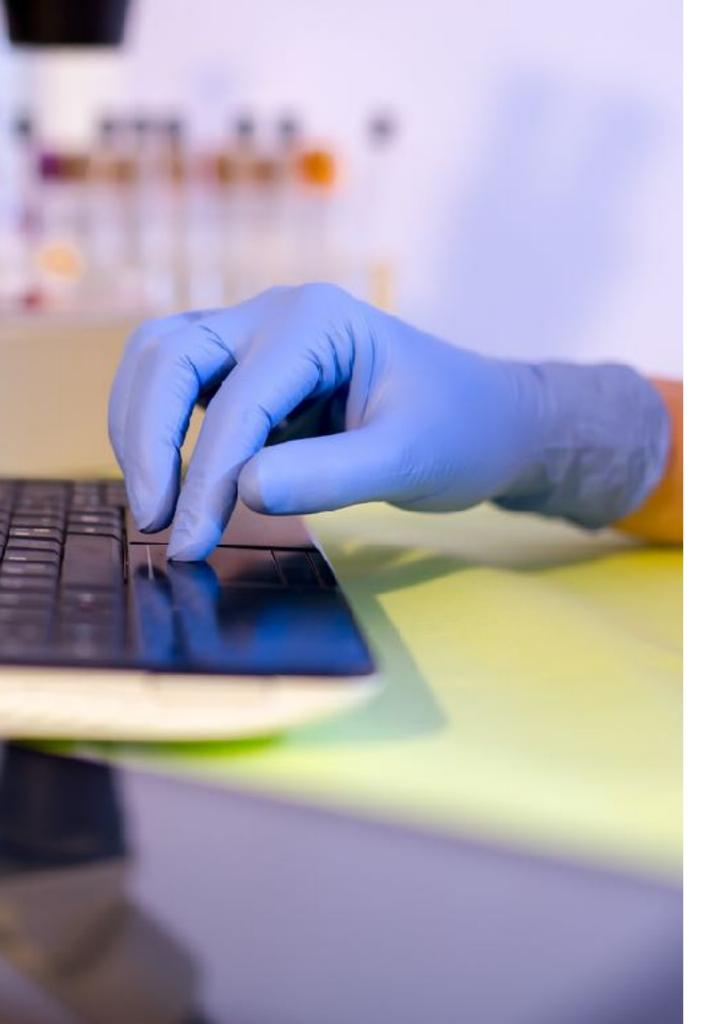


for web development

django









### for science













# for cloud configuration



Boto3 for









# for data analytics























## Quickly

### Safely

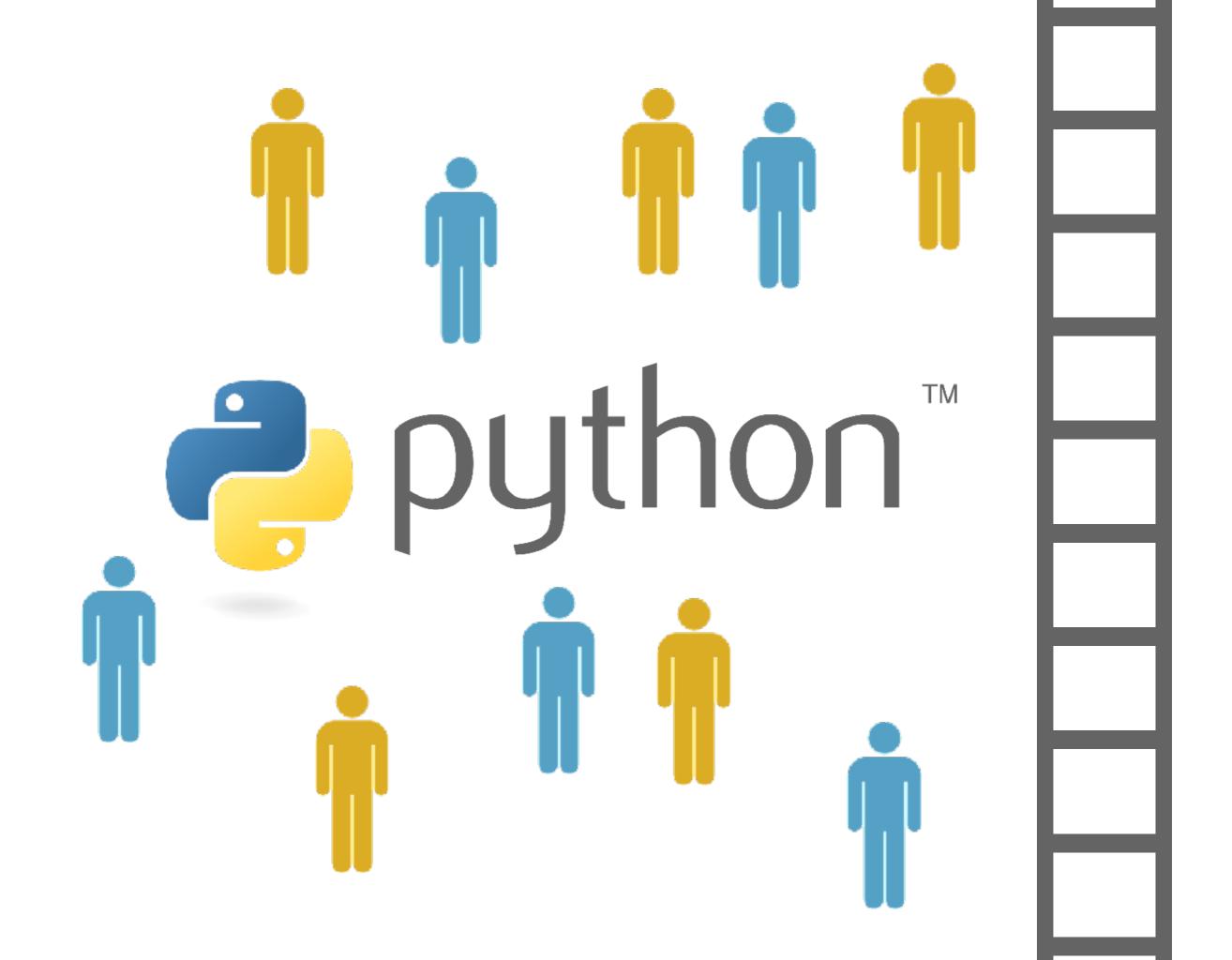
# Efficiently

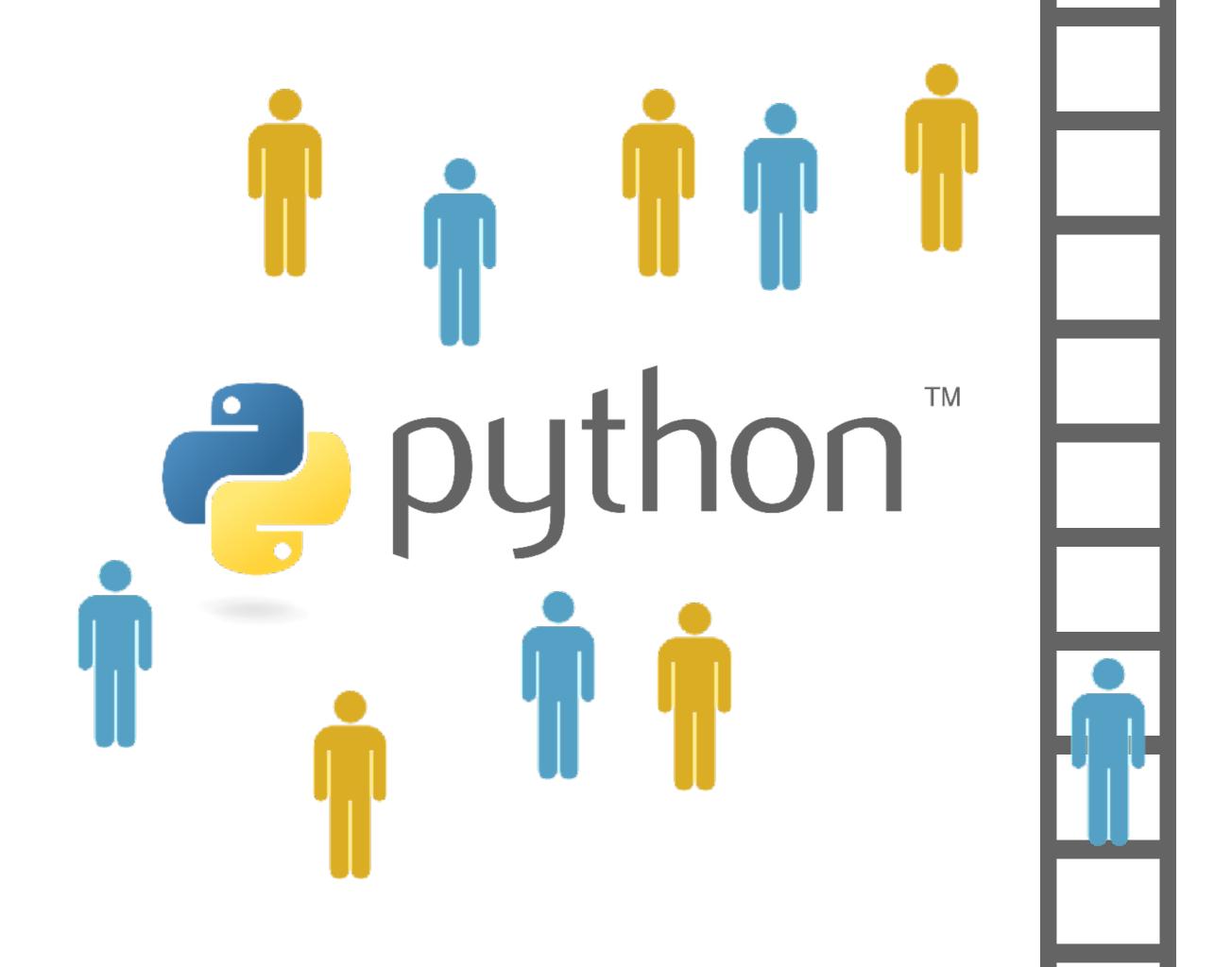
# Puthon



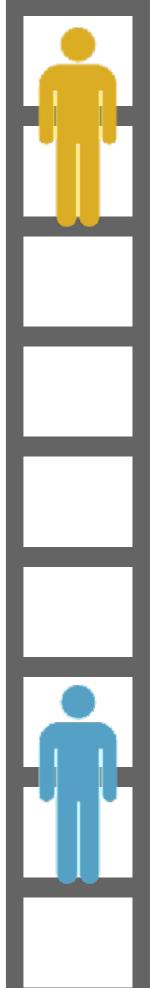














installation

language elements

features

idiomatic usage

Advanced Python example-driven

### Python – Beyond the Basics

Getting Started

Strings & Collections

**Modularity** 

Built-in Types / The Object Model

Collections

Handling

**Exceptions** 

Comprehensions Iterables and Generators

Classes

Managing Files and Resources



language essentials

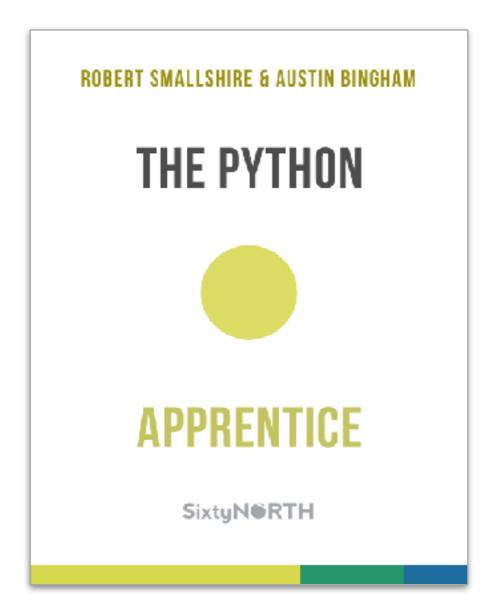
consume libraries

construct libraries

deliver code

### Companion Python Craftsman Book Series

Pluralsight **Python Fundamentals** 



https://leanpub.com /python-apprentice /c/pluralsight

### Companion Python Craftsman Book Series

Pluralsight **Python Fundamentals** 

Pluralsight

Python – Beyond the Basics

Pluralsight **Advanced Python** 

ROBERT SMALLSHIRE & AUSTIN BINGHAM

THE PYTHON



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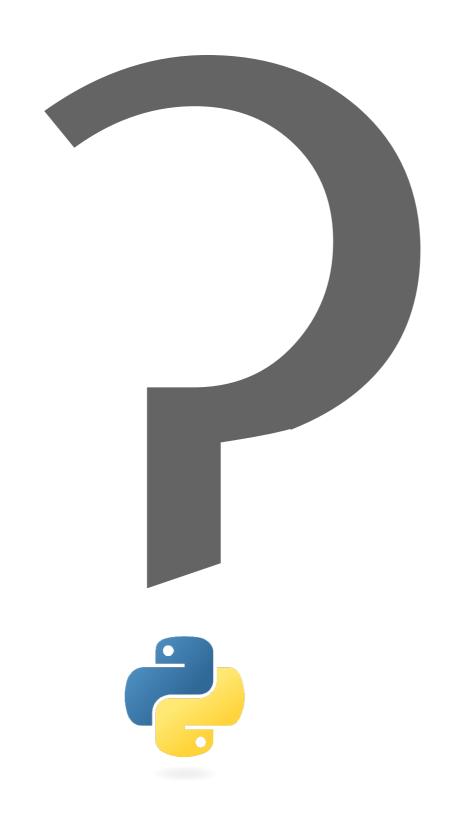


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https://leanpub.com /python-master /c/pluralsight







### BDFL









puthon SOFTWARE FOUNDATION



#### Who is using Python?

### bitly











openstack\*



















- clear
- readable
- expressive

#### **Python Implementations**

Python implementation written in

runs on

CPython



native





JVM

IronPython

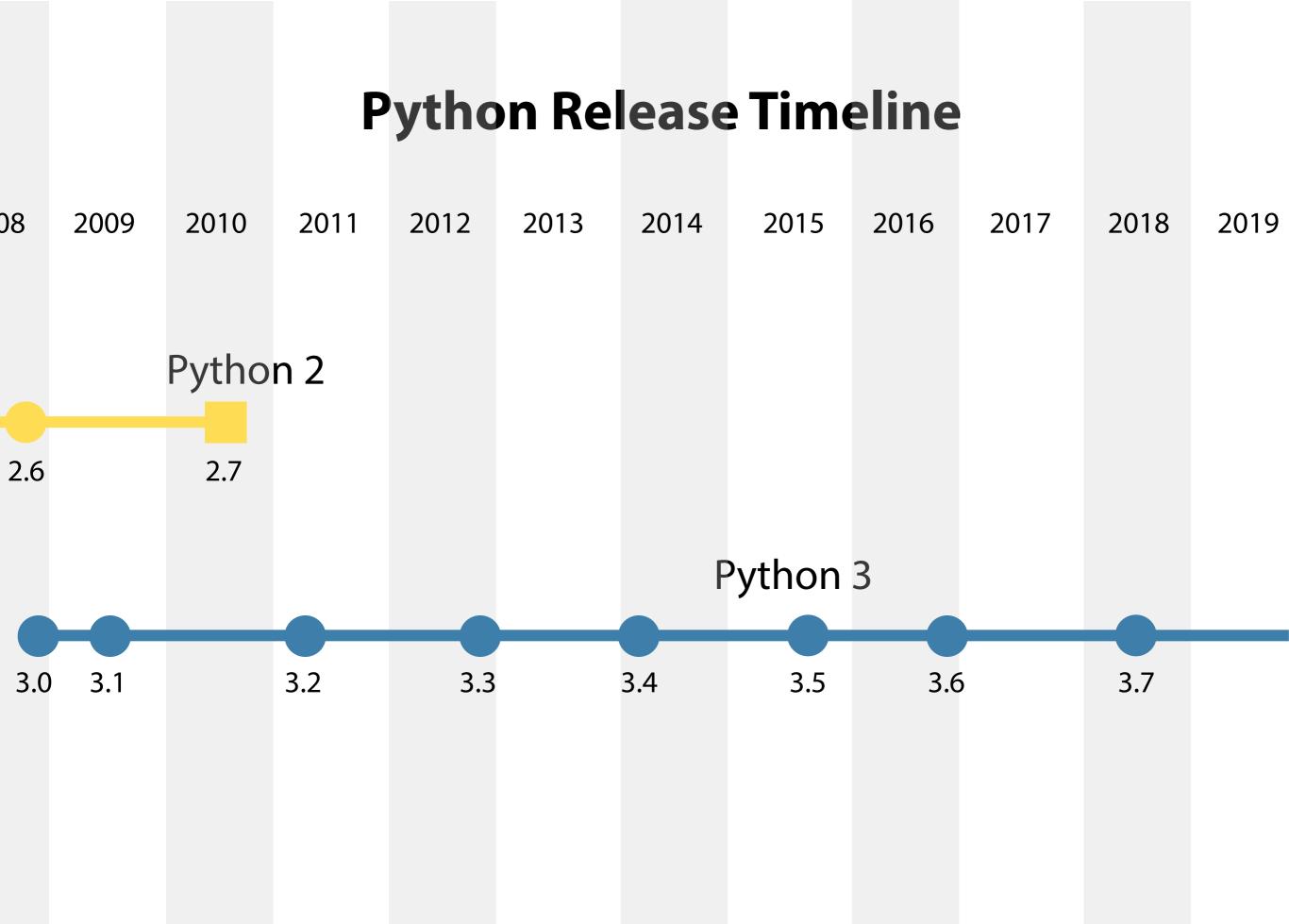






RPython

native & others





#### **Python Standard Library**

pickle string numbers difflib marshal fraction configparser random textwrap hashlib itertools struct codecs logging operator datetime functools time heapq filecmp threading weakref tempfile concurrent glob email copy pprint linecache asyncio

etc., etc., etc!



Write
Read
Discover
Adventure!

# e python The state of the state