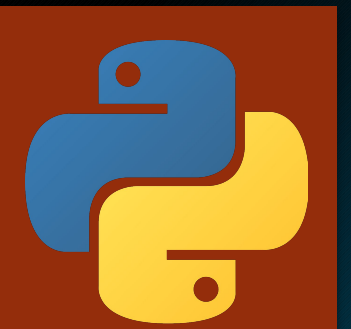
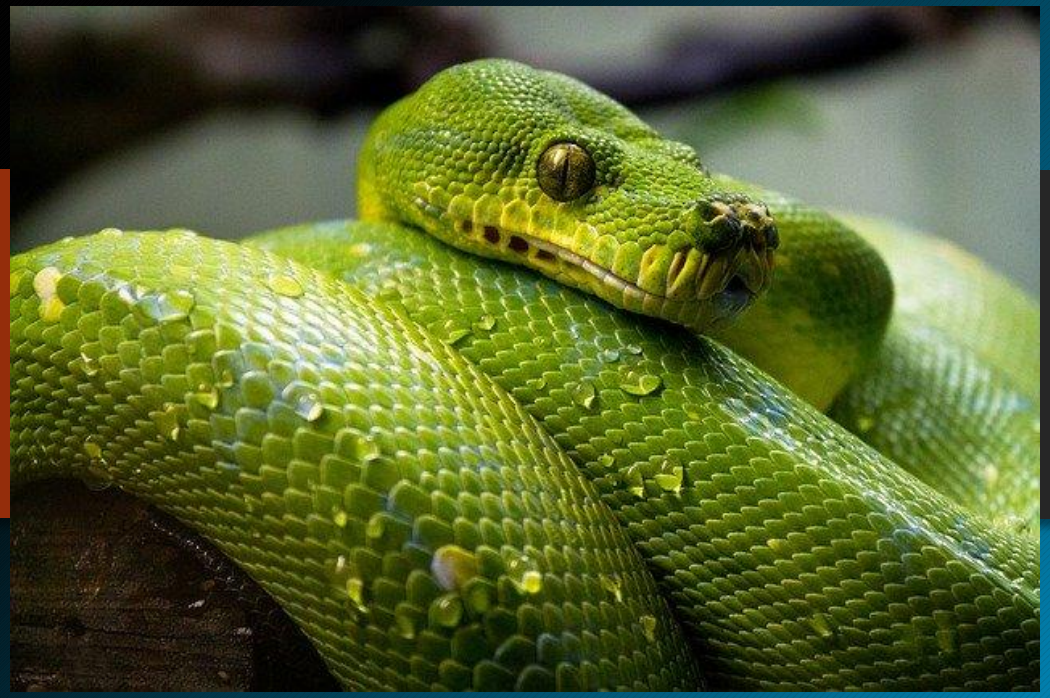


# Introduction to Python 3

Presented by : Ramesh Pradhan
Designation : Backend Engineer (Python/Django)
Company : Chuchurofirm Pvt. Ltd.

# So what is Python ?



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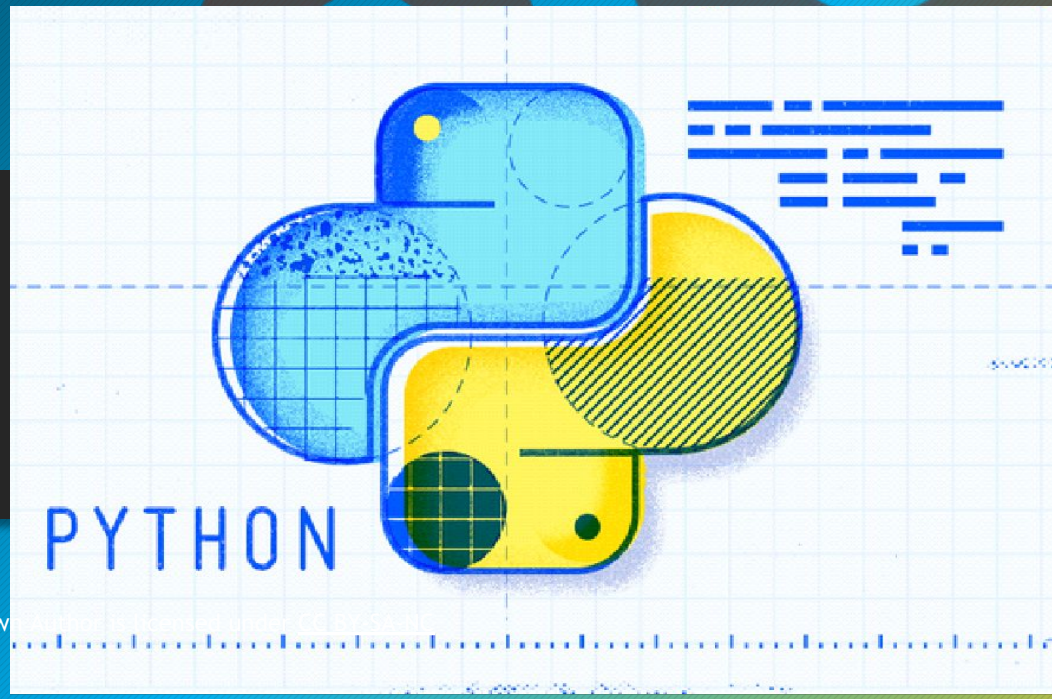


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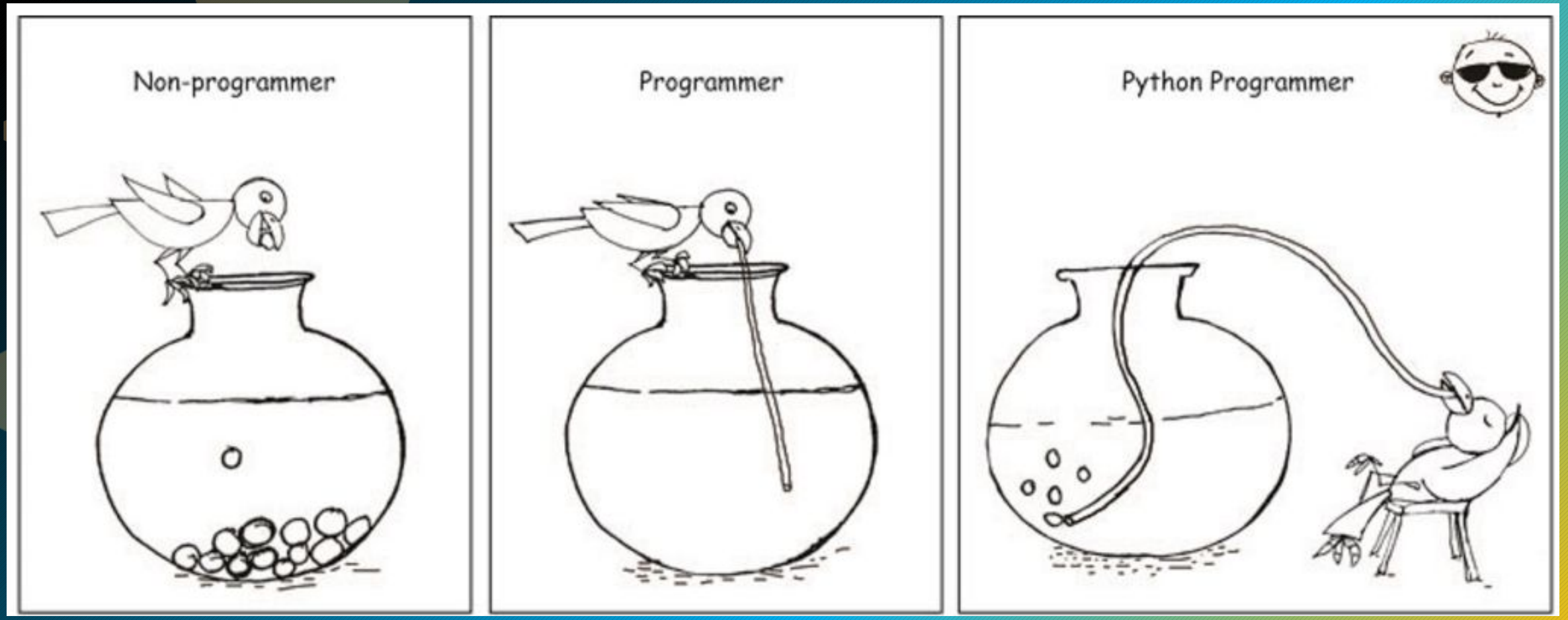
# What is Python?

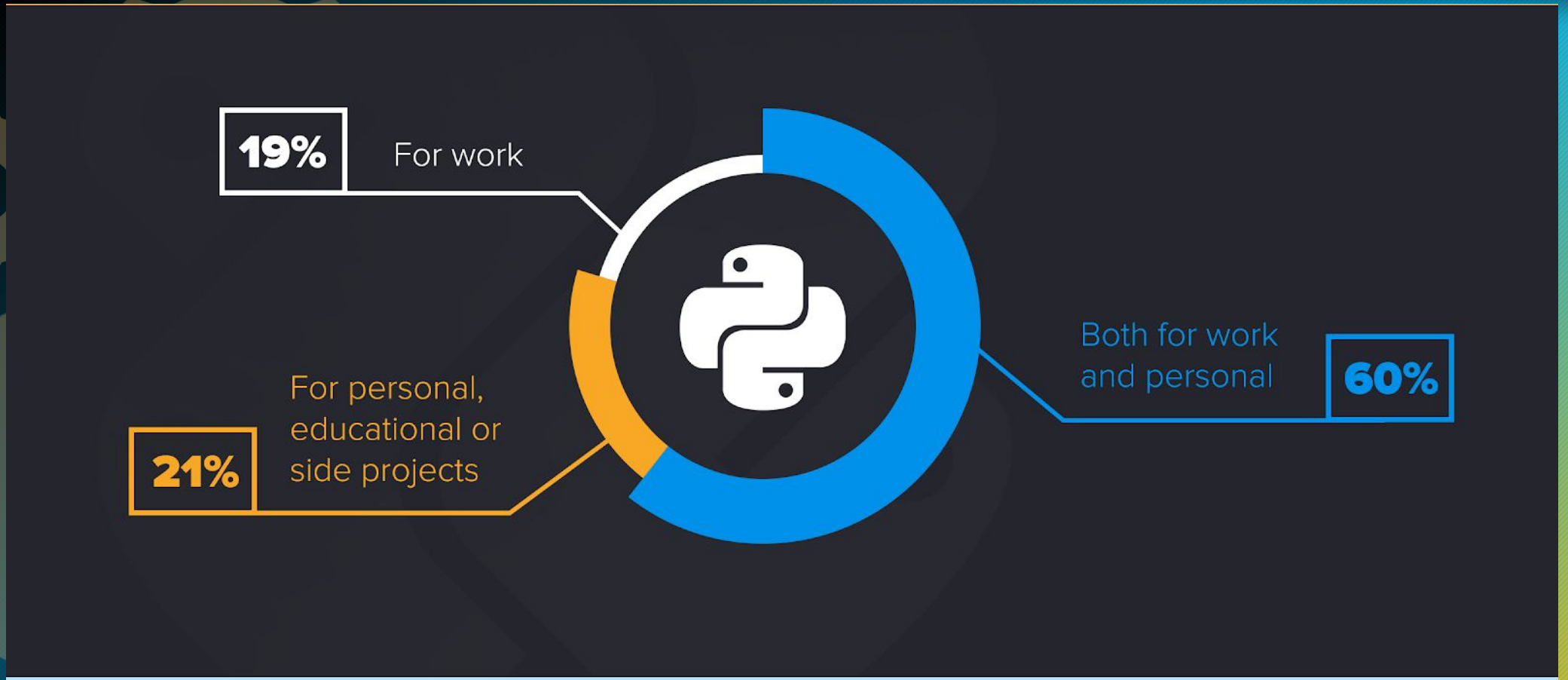
- an **interpreted, high-level, general purpose** programming language to talk to machine
- **dynamically** typed and garbage-collected.
- Is with **"batteries included"**

Guido Van Rossum

# Why learn Python?

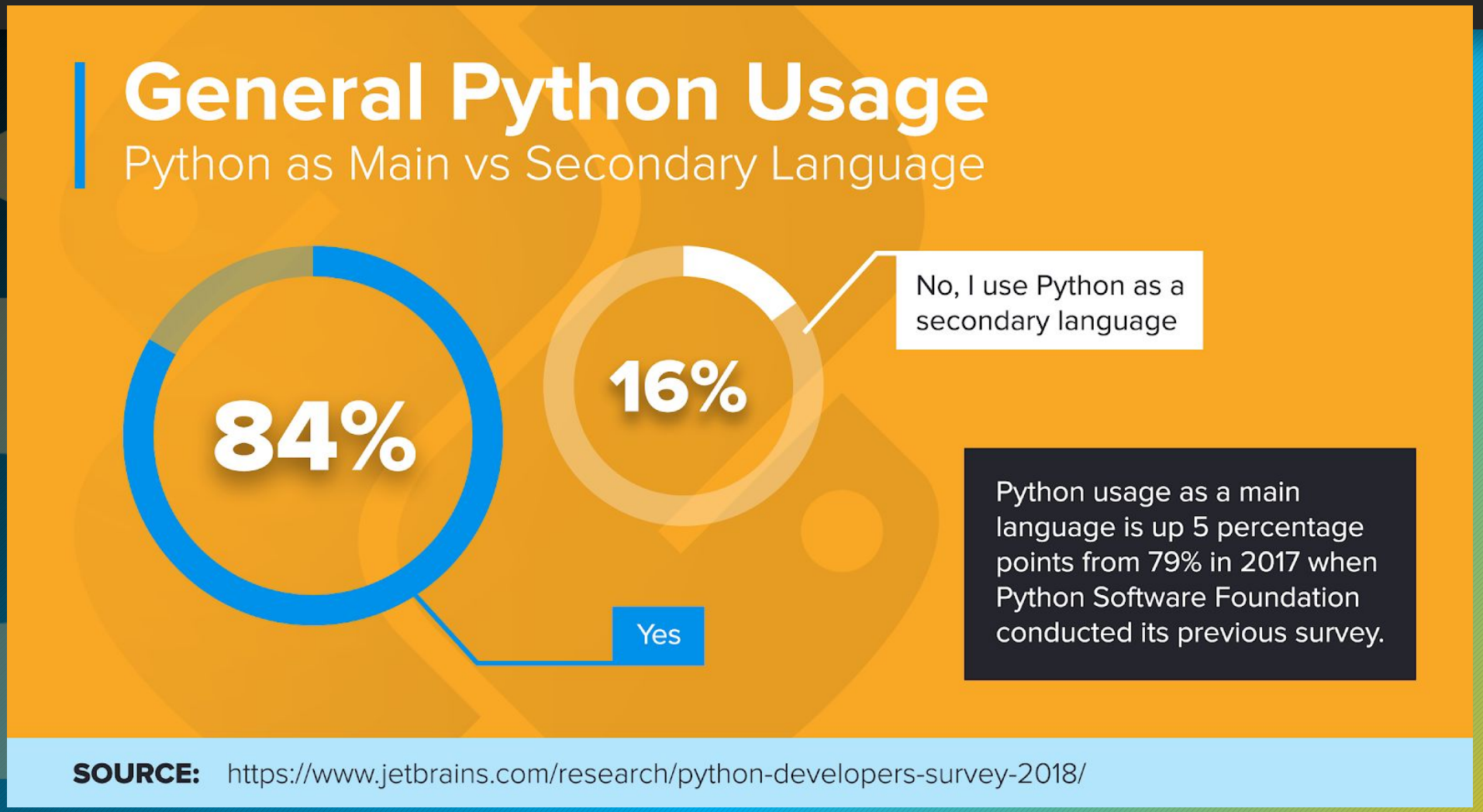


# And why learn now?

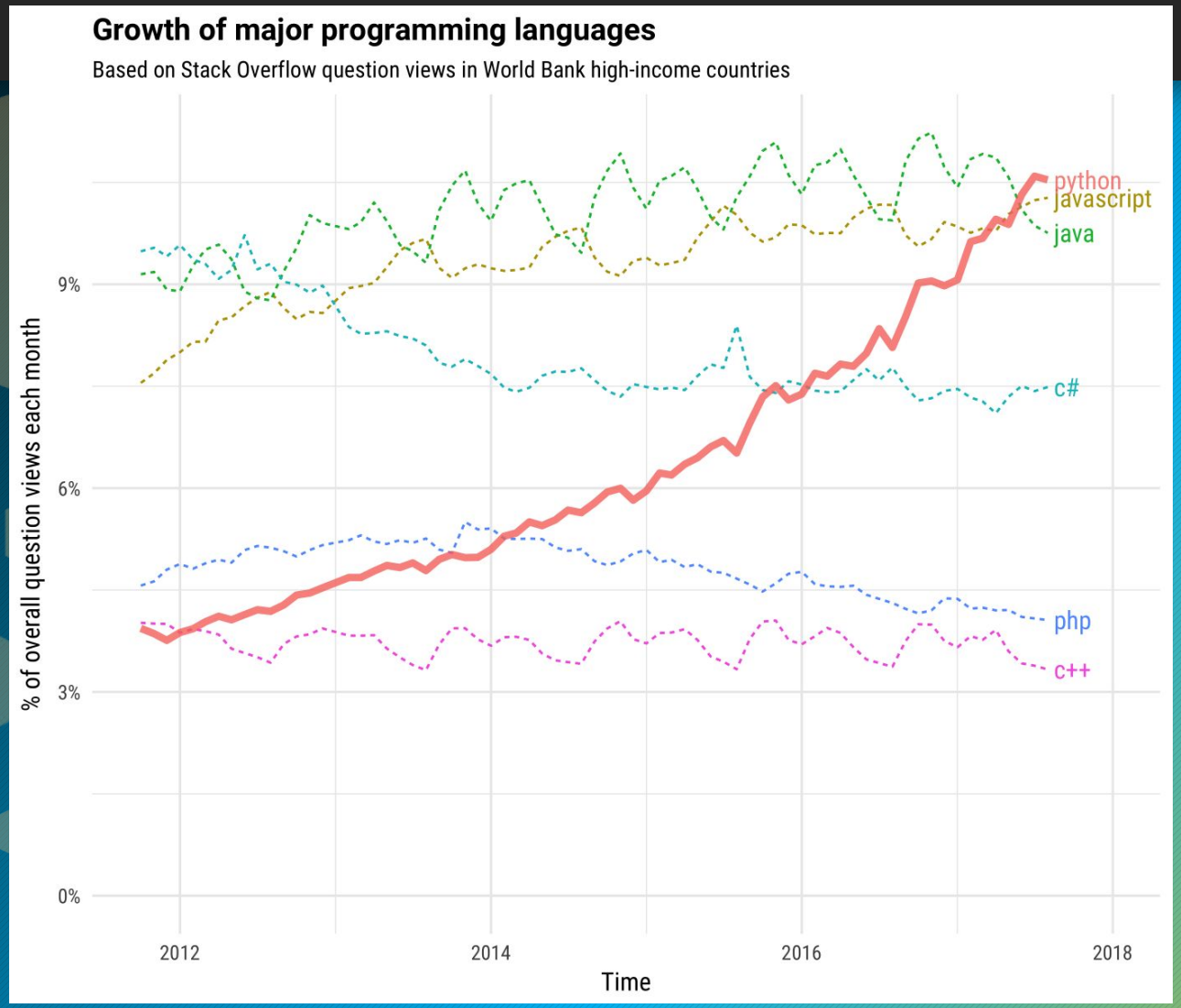



**SOURCE:** https://www.jetbrains.com/research/python-developers-survey-2018/

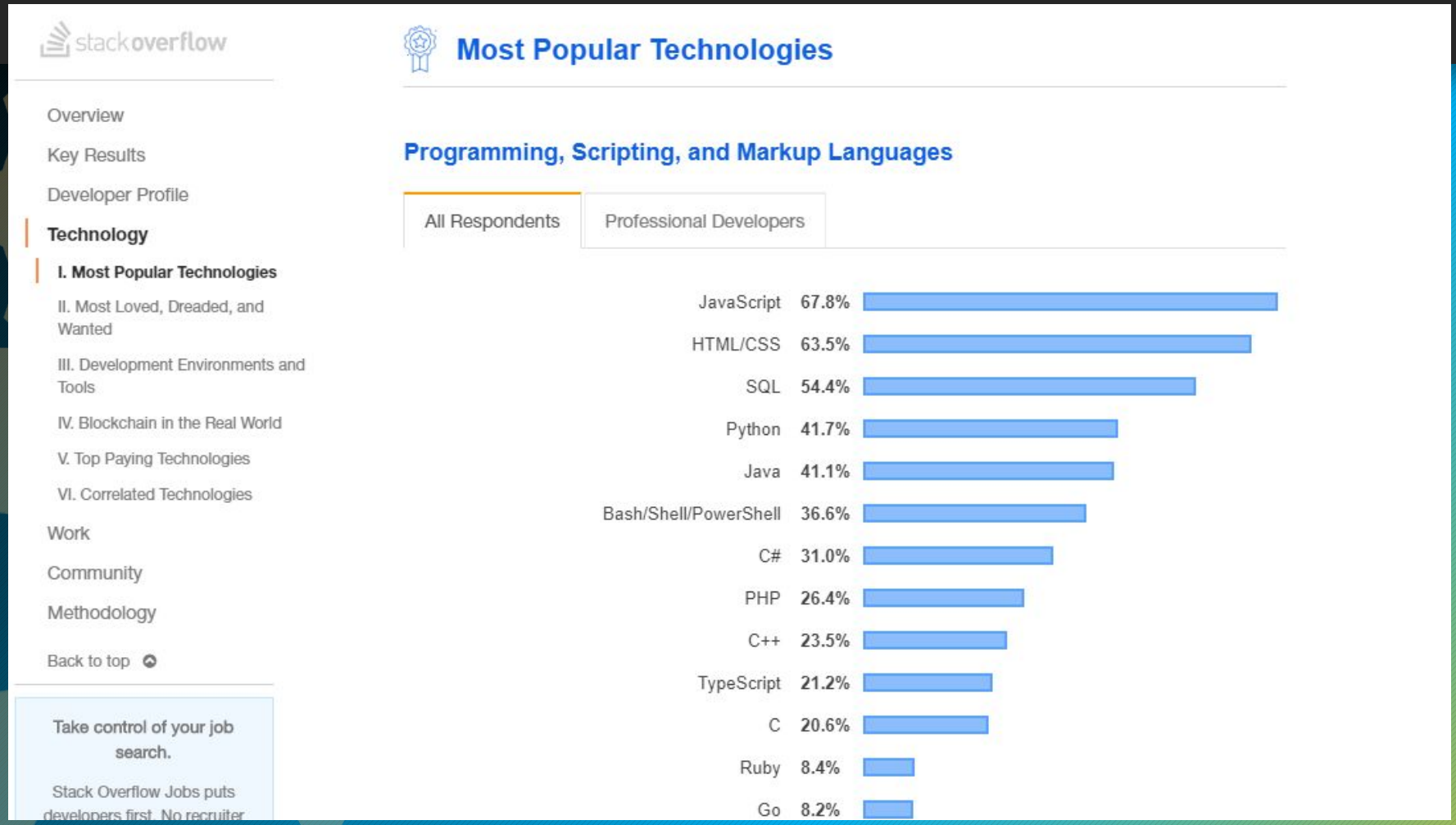
# And why learn now? Cont..



# And why learn now? Cont..

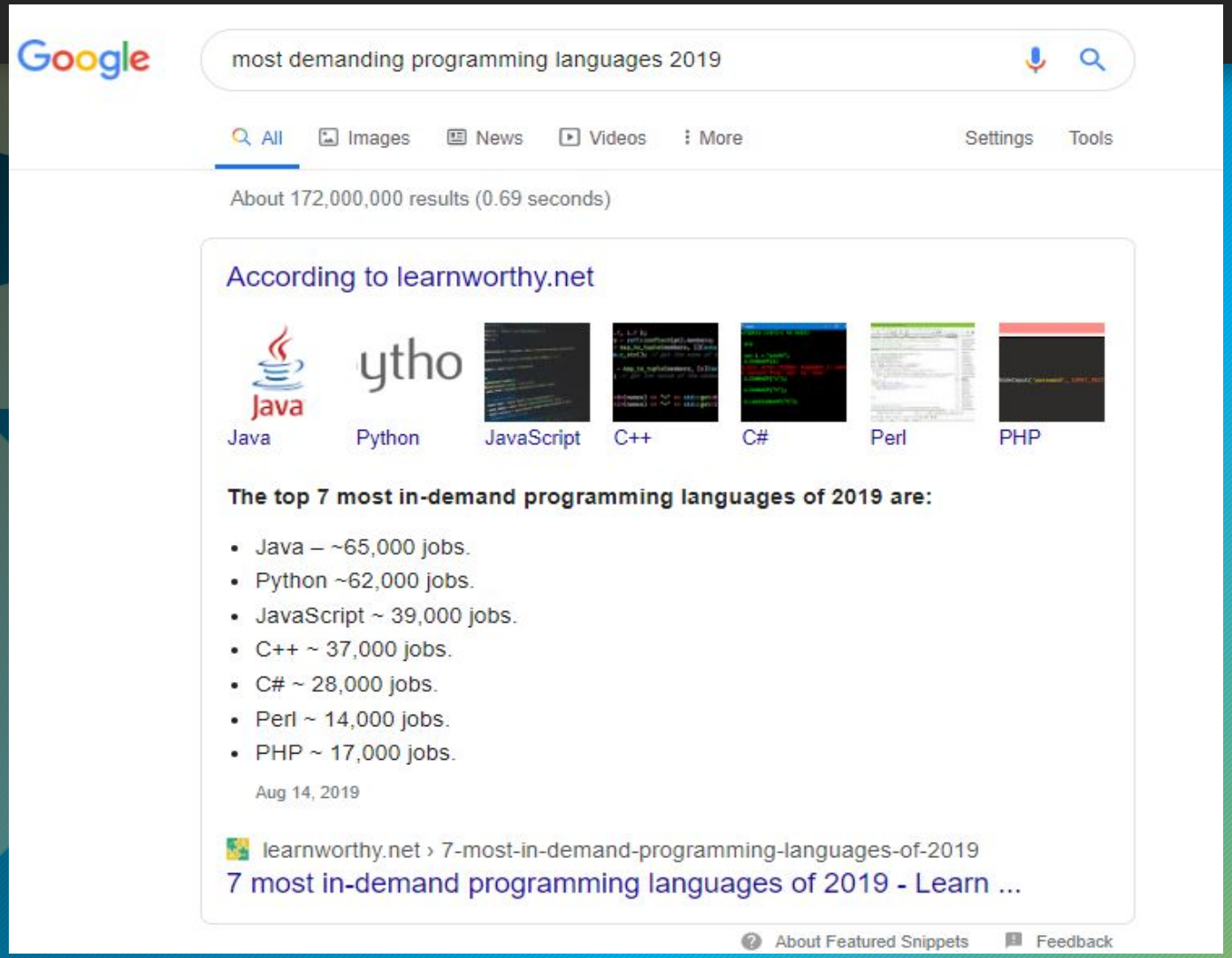


# And why learn now? Cont..




https://insights.stackoverflow.com/survey/2019#technology

# And why learn now? Cont..



# What can I do with Python?

## The Python Package Index (PyPI)

PyPI has over more than 160,000 packages. Here are some of its functionalities

- Graphical User Interfaces
- Scientific Computing
- System Administration
- Image Processing
- Web Frameworks
- Test Frameworks
- Documentation
- Databases
- Multimedia
- Networking
- Automation
- Text Processing

**SOURCE:** https://en.wikipedia.org/wiki/Python_(programming_language)

# Who uses python ?

# Python Technical Strength(Features)

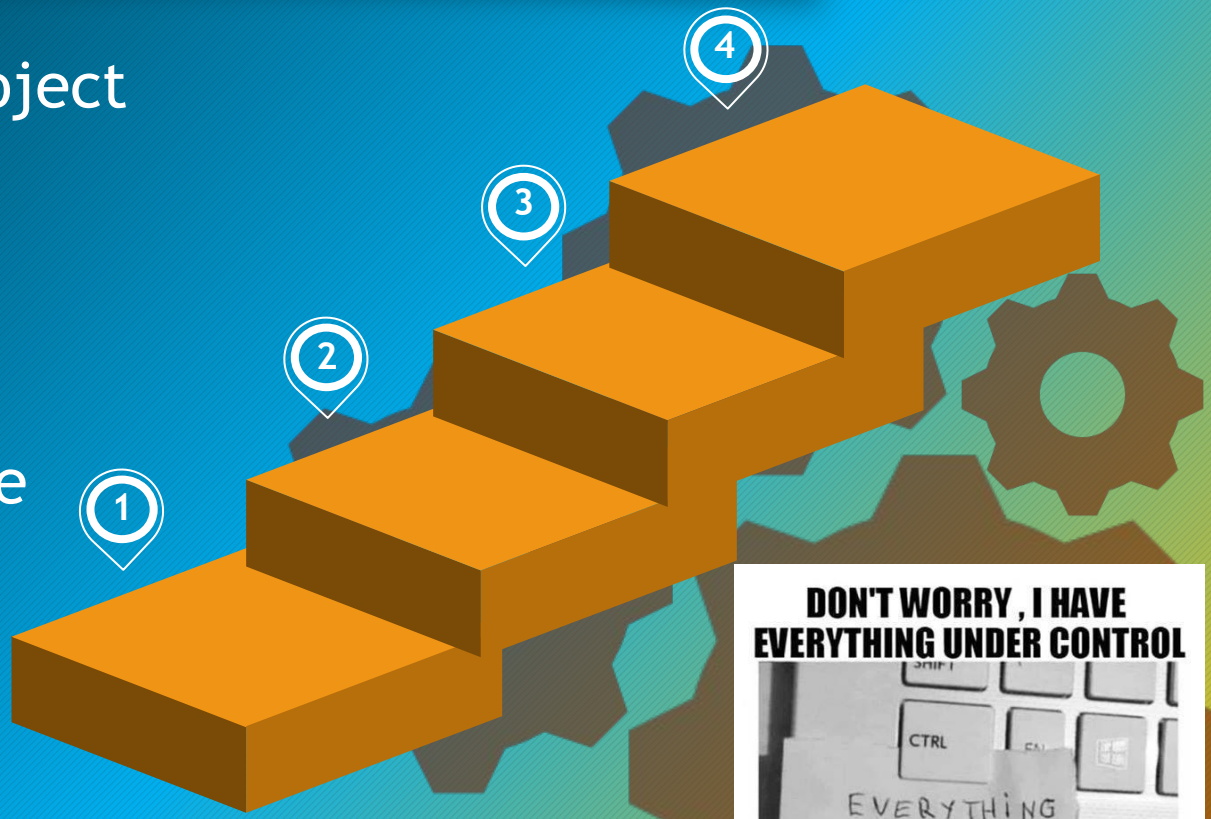
- Easy to **CODE**
- Easy to **READ**
- Free and **Open** Source
- **Object-Oriented** Language
- **Large** Standard Library
- **GUI** Programming Support
- **Cross-platform** Language

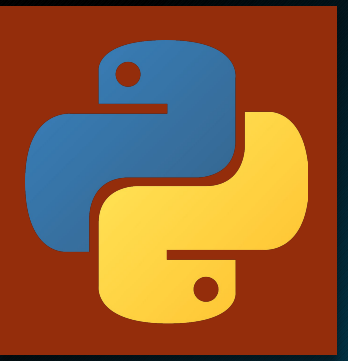
- Very **Powerful**
- Extensible
- Interpreted Language
- Extensible
- Expressive
- **Dynamically** Typed
- **Databases** Connectivity...

# What after learning python?

# What are your next steps?

- Think an idea for your next project
- Practice coding with python
- Try to solve small piece at time
- Finish your project goal





# Thank you