

# What is Python?



python<sup>TM</sup>

- A high-level language, useful for many different programming tasks
- “The second best language for everything”
- Dynamically-typed and garbage collected
- Can be object-oriented or functional
- Easy to program, read and maintain code
- Favours indentation rather than use of parentheses (brackets)

# What is Python used for?

- Web development (with Flask and Django frameworks, among others)
- Game development (with Pygame)
- Data Engineering and Data Science (with numpy, pandas and other libraries)
- Machine Learning (with pytorch, tensorflow, scikit-learn, etc)
- Also image processing, web scraping and many other uses

