

Introduction to Python



What is Python?



Being a general-purpose programming language, it can be used for:



Web development (server-side),



Flask

django



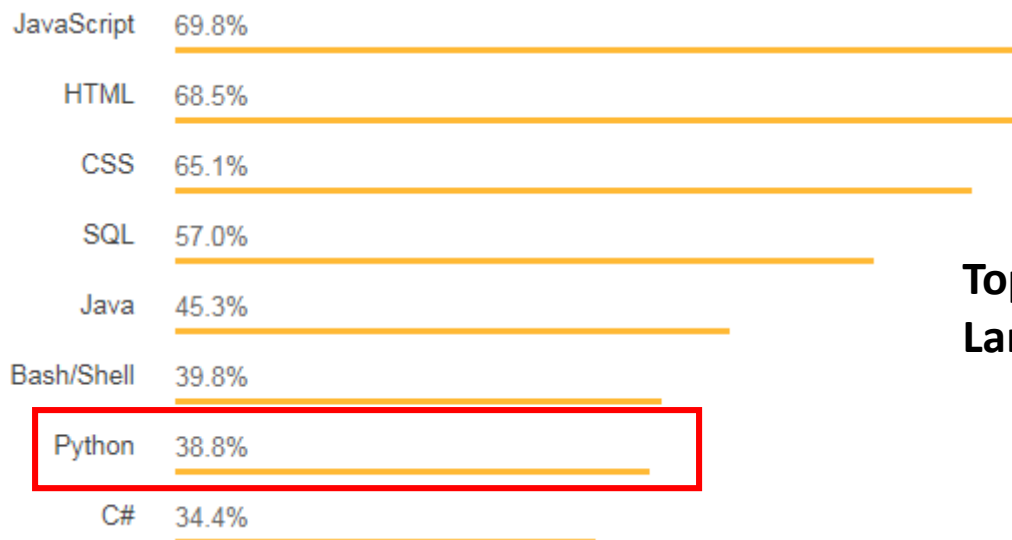
Software development, or just simple scripting



Scientific computing

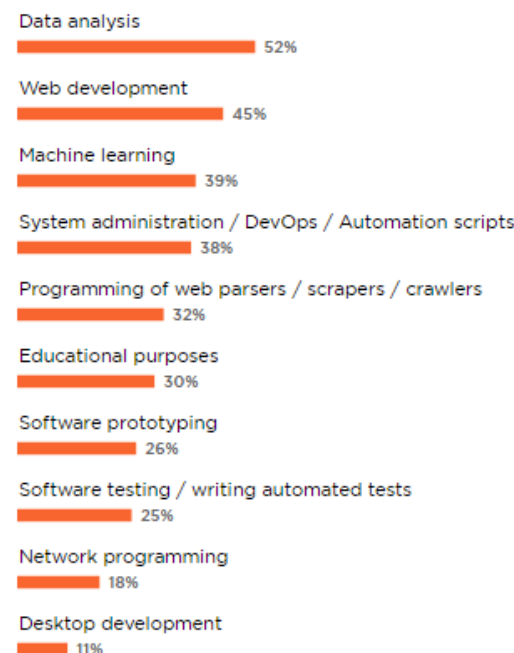


Python's rise to fame

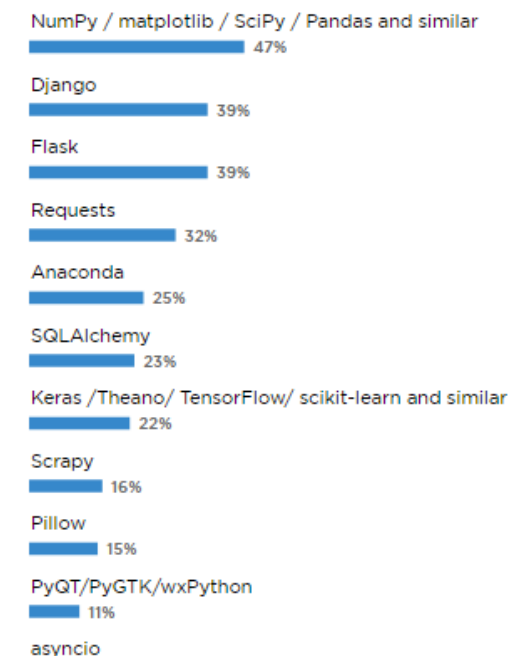


Top Programming Languages 2018

What do you use Python for?



What libraries and/or frameworks do you use in addition to Python, if any?



Statistics extracted from:

- Stackoverflow Developer Survey 2018
- The State of Developer Ecosystem 2018 - Infographic | JetBrains

Advantages

(PEP 8) Simple yet efficient syntax. Emphasizes **readability**

Cross-platform. Python runs on all major operating systems (Windows, Mac, Linux)

High-level. Python has a simple syntax similar to the English language.

Imperative. Python runs on an interpreter system, meaning that code can be executed as soon as it is written. This means that prototyping can be very quick.

Open-source and widely supported. Supported by an active community, means your questions will likely have answers