

CypherCreed's

Learning Path

Introduction to Programming in Python

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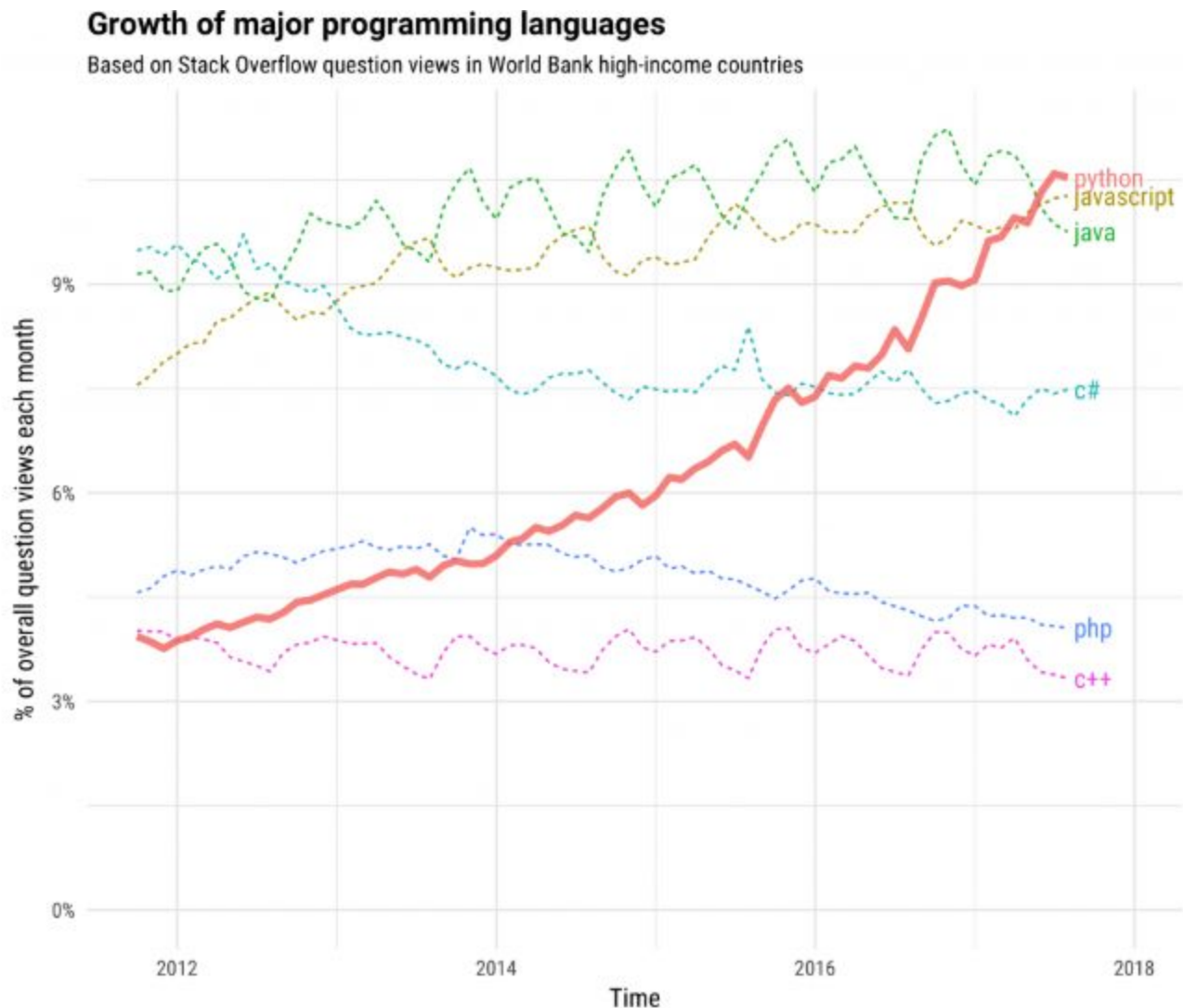
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Introduction:

"Super-Man of programming languages" ~ lost_words7

Here are the following stats, enough to prove why Python is BuzzFeed topper! :

- Python grew in popularity by about 5,000 job postings over 2017 (Source: CodingDojo).
- The fastest growing programming language in 2018 (Source: StackOverflow).
- Rich and robust *plug-n-play* frameworks for almost every modern cutting-edge technologies.



Motivation:

- [Watch this!](#) - *Enough to get you motivated and make you jump-off your bed and start learning Python!*
- [A Day in The Life of A Software Engineer](#) - by Gyasi Linje
- [What can you do with Python!](#) - by CS Dojo
- [What exactly can you do with Python?](#) Here are Python's 3 main applications - *freecodecamp* (on *Medium*)
- Read the [Articles on Python](#) on **Medium!**

Join the **Official Community** of **Python Programming Language** (and other related topics) on **Quora>>**

- ❖ [Python \(Programming Language!\)](#)
- ❖ [Python Libraries](#)
- ❖ [Python Web Frameworks](#) --- [Django \(web framework\)](#)

Learning Path

01. Fundamentals

- ★ [Complete Python Bootcamp: Go from zero to hero in Python 3](#) - Jose Portilla
 - Or, [Complete Python Masterclass](#) - Udemy (*password = freetuts.download*)
- ★ [The Python Mega Course: Build 10 Real World Applications](#) - Ardit Sulce
- ★ [Automate the Boring Stuff with Python Programming](#) - Al Sweigart
- ★ **Data Structures >>>**
 - [Python for Data Structures, Algorithms, and Interviews!](#) - Jose Portilla
- ★ **Web Development >>>**
 - [Python and Django Full Stack Web Developer Bootcamp](#) - Jose Portilla
 - [Django Core | A Referrance Guide to Core Django Concepts](#) - Udemy
 - [REST APIs with Flask and Python](#) - Jose Salvatierra
- ★ **Data Science >>>**
 - ***Refer to the CypherCreed's Data Science Learning Roadmap***
- ★ [Python & Excel Sheet migrate spreadsheets to Database](#)
- ★ Python Gui- [tkinter](#)

02. Projects

- ★ GitHub Python Repositories >>>
 - [Python](#) - Repositories related to the Python Programming language
- ★ GitHub Popular Python Developers >>>
 - [Trending!](#) - organizations and developers building the hot tools today
- ★ [50 Popular Python open-source projects on GitHub in 2018](#) - Medium

03. Professional Certifications

- ★ [About Python Certifications!](#) - OpenEDG Python Institute Certifications
- ★ [PCEP](#) | Certified Entry-Level Python Programmer Certification
- ★ [PCAP](#) | Certified Associate in Python Programming certification
- ★ [PCPP](#) | Certified Professional in Python Programming certification
- ★ About the [OpenEDG Python Institute](#)

>>> All-in-One Data Science Courses!

edX Programs (*can choose anyone!*) (*enroll in each course in a program!*) >>>

- ❖ [Introduction to Computing in Python](#) - The Georgia Institute of Technology (GIT)

Coursera Specializations (*can choose anyone!*) (*apply for financial aid for each course in a specialization*) >>>

- ❑ [Python for Everybody Specialization](#) - University of Michigan

Other Resources:

Books: Being present in this modern digital world of unbound opportunities and resources, do you really need a HardCopy of a few pages (which considerably won't update w.r.t to time)?

Think twice! Learn Digitally!

But if you still wanna read some books, then here it is! >>>

→ [Automate the Boring Stuff with Python](#) - Al Sweigart

→ [Django EBooks!](#)

Happy Learning!

