

PyWorkshop 1.0

Why Python ? Career in Python ??

- Arun Kumar Pyasi



Why Python?



**Freelance Linux System Engineer,
Full Stack Web Developer**

**Founder/Lead Developer @Chitwanix
Member @FOSS Nepal, @FOSS Chitwan
Exec Member @ CSITAN Chitwan**

About Me



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About Me

Yes, I am sensitive to FOSS and Linux

About Me

- **Beautiful is better than ugly**
- **Explicit is better than implicit**
- **Simple is better than complex**
- **Complex is better than complicated**
- **Readability counts**

- **Python codes are easy to r/w.**
- **Python is neat and clean. (loves indentations)**
- **Python is portable, write once run anywhere.**
- **Tons of built-in functions and libraries.**
- **Write less do more philosophy**

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Let me show you what I mean.

Why Python?

-

Hello World

C++ "Hello World"

```
#include <iostream.h>
main()
{
    cout << "Hello World! ";
}
return 0
```

Java "Hello World"

```
class HelloWorldApp
{
    public static void main(String[] args)
    {
        System.out.println("Hello World!");
    }
}
```

Python

```
print "Hello world"
```



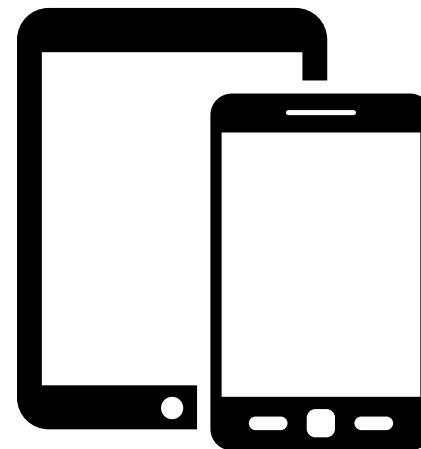
Source : DevRant

Where can I run Python?

Why Python?

-

Platforms



Yeah ! Anywhere

Wait ! And what about Drones ?

Why Python?

-

Drone!!!



Source
[:Instructables.com](https://www.instructables.com)

Robots too ?

Why Python? - Robotics!!!



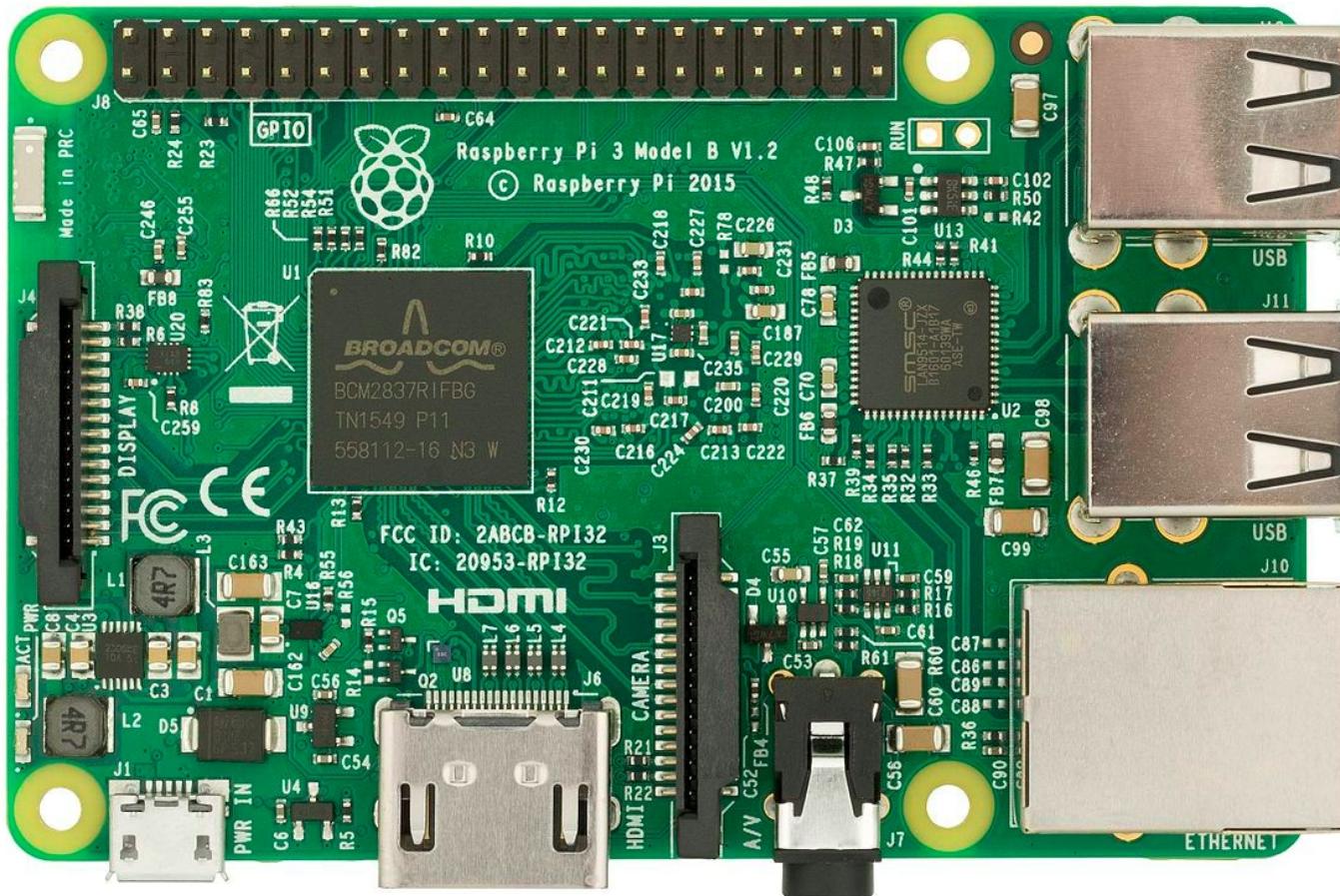
Why Python?

- Coffee Maker



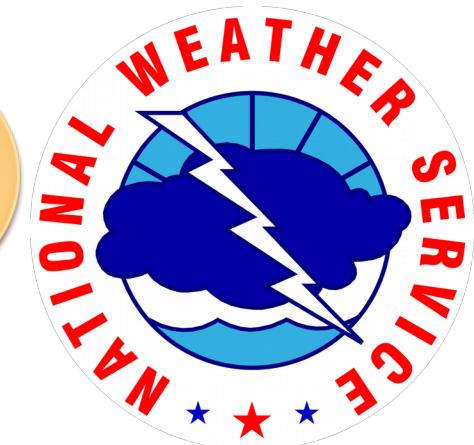
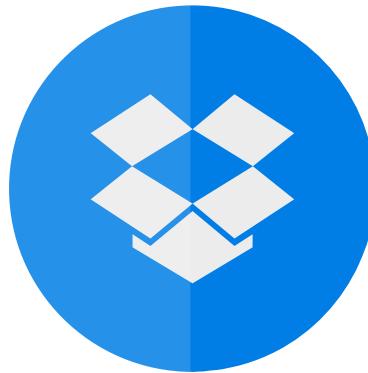
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Raspberry PI for IOT and Python

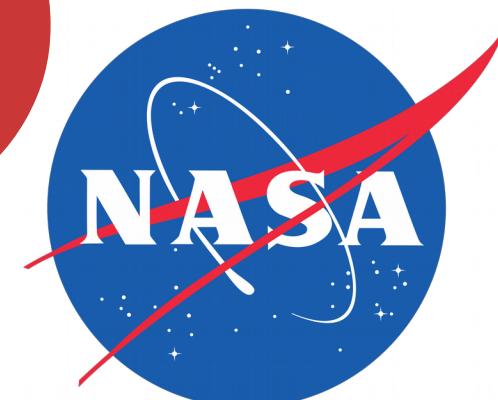


Who the heck uses Python?

Why Python? - Big Companies?



Y!



Will I get a good job ? ;P

Why Python ?

- Career As

- **Data Scientist**
- **Data Engineer**
- **Data Analyst**
- **Software Engineer**
- **Web Developer**
- **System Engineer**
- **Automation Engineer**
- **DevOps Engineer**
- **Python Engineer**
- **Scientific Researcher**
- **Electronics and Robotics**

- **Migration Expert**
- **Python NLP Engineer**
- **Web Backend Engineer**
- **Machine Learning and Artificial Intelligence Engineer**
- **Django/Flask Developer**
- **Software Configuration Engineer**
- **System Architect**
- **White Hat Hacker and Cracker**

Some Most Popular Frameworks

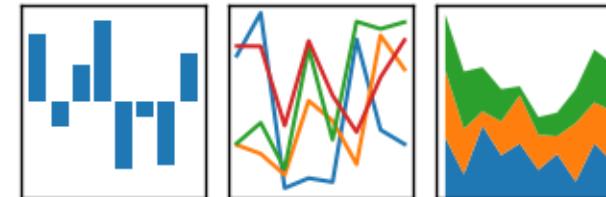
Why Python ? - Frameworks

django

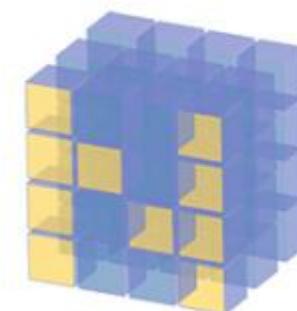


pandas

$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$



machine learning in Python



NumPy

Popular Python based Startups in Nepal

Startups and Companies in Nepal



And More...

Its your turn now !

Hell ! Yeah, lets go for it.

Arun Kumar Pariyar (Aryan Pyasi)



arunpyasi



@arunpyasi



@Arunpyasi

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Thank You !

Any Queries ???

Lets write some Py codes :P