

# Fresno FreeCodeCamp: Python

Introduction to new curriculum!

8/1/2020

# Introductions

1. Name
2. First time to Free Code Camp?
3. Have you used Python before?
4. Favorite ice cream flavor?

# Introduction to Python

Python is an interpreted, high-level, general-purpose programming language.

[https://en.wikipedia.org/wiki/Zen\\_of\\_Python](https://en.wikipedia.org/wiki/Zen_of_Python)

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

# What makes python special?

- Very utilitarian and provides many options to do get a job done.
- Community is huge and welcoming. Huge libraries for just about everything.
- Pip package manager
- White space is enforced

# FCC: What was added!

1. Scientific Computing with Python
2. Data Analysis with Python
3. Information Security
4. Machine Learning with Python

All new curriculum is lecture based, with youtube videos attached to each lesson.

# Installation and setup

Check to see if its already installed:

Go to console/terminal and type python3.

```
everyday@everyday:~$ python3
Python 3.8.2 (default, Apr 27 2020, 15:53:34)
[GCC 9.3.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
```

If not, then go to <https://www.python.org/downloads/>

And install python3 to your machine.

# Scientific Computing with Python Certification

# Data Analysis with Python Certification



# Machine Learning with Python Certification

# Links

- <https://www.freecodecamp.org>
- <https://www.freecodecamp.org/news/python-curriculum-is-live/>
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