PYTHON

Python is a popular programming language. It was created by Guido van Rossum, and released in 1991.

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.

Python can be treated in a procedural way, an object-orientated way or a functional way.

## Applications of Python:

* Web development
* Desktop GUI
* Scientific and Numeric
* Software Development
* Machine Learning

## Web Application

Framework

* Django
* Flask
* Pyramid

## Desktop GUI

Packages

* TKInter
* Kivy
* Pqyt

## Scientific and Numeric

Packages

* SciPy
* Pandas
* Numpy
* IPython

## Software Development

Packages

* SCons
* Builtbot
* Apache Gump

## Machine Learning

Packages

* Numpy
* Matplotlib
* OpenCV

## Editors:

* Atom
* Visual Studio Code
* Pycharm
* Anaconda(Jupyter, spyder)
* Sublime text

# IDE:

<https://www.python.org/downloads>

## Applications Created using Python:

* YouTube
* Google
* Instagram
* Spotify
* Reddit
* Dropbox