Batteries included

- ✓ argpars For Command line arguments

- ✓ boto is Amzon web services library

- ✓ CherryPy Is Object Oriented for HTTP Frame Works

- ✓ Fiona read and write data from large files

- ✓ jellyFish For phonetic matching Strings

- ✓ mysql_connector_python is a driver written to connect to My SQL Database

- ✓ numpy is Multi-dimensional arrays

- ✓ pandas for data analytics and statistics

- ✓ Pillow for Image Processing

- ✓ scipy for scientific and engineering calculations

Flavours of Python

Flavours of Python is referred to different types of the Python Compilers

➢ *Cpython*
- ➢ It is Standard Python compiler implemented in c
- ➢ Compiled Code by python is byte code. It can run on interpreter existed on PVM created on C-Language
- ➢ By Using CPython we can also execute c and c++ functions and Programs

➢ *Jython*
- ➢ Initially it is called Jpython
- ➢ It is implementation of python programming language which is designed to run on jvm
- ➢ Jython contains libraries which are useful for both python and Java programs

- ➤ *IronPython*
    - ➤ It is another implementation of Python For .Net Frame work . It is written in C#
    - ➤ When Python Programs are Compiled an Intermediate Language Instructions are Created But These Instructions Can Be Understand by CLR
    - ➤ It is Providing Various Libraries for Both python and .NET
- ➤ *PyPy*
    - ➤ Python Implementation Using Python, Actually Written in Rpython which is created by using python.
    - ➤ Rpython is good for creating language interpreters .
    - ➤ PyPy Programs Run Very fast. Because JIT Compiler is Add to Python Interpreter

- ➤ *Pythonxy*
    - ➤ It is Also Python Implementation
    - ➤ we get after adding scientific and engineering related Packages

- ➤ *Anaconda*
    - ➤ Handling Large scale of Data processing
    - ➤ Data Analytics and Scientific computing called Anaconda

Cptyhon   -- http://www.python.org/downloads
Jython – http://www.jython.org
IronPython – http://ironpython.net//
Pypy : -- http://pypy.org/download.html
Pythonxy : -- https://python-xy.github.io/downloads.html
Anaconda : -- https://www.continuum.io/downloads