

Python Features

Python is easy to learn

- Relatively few keywords and a simple structure
- Clearly defined Syntax
- Easy to maintain code

Python is a minimalistic language

- Pseudocode natural language
- User friendly

Python is a classic example of FLOSS software

- Freely distribute copies
- Obtain and read source code

Python supports procedure-oriented programming

- Built around procedures or functions
- Reusable pieces of programs
- Readable and easy to maintain

Python supports object-oriented programming

- Built around objects which combine data and functionality
- Very powerful, but easy to implement

Python is dynamically typed

- Variables do not need to be declared as real, integer, string, etc., at first
- Value decides the type of variable
- Does not have an executable version

Python has an extensible feature

- Import modules from other languages
- Don't need to redevelop the code if there is a piece of code that can be imported from another language

Python has a huge standard library

- Open-source nature is biggest strength
- Can work on any platform

Python is an interpreted language

- Source code text file read line-by-line
- More flexible