

---

## What is Python?

---

Python is a general purpose, high level, remarkably powerful dynamic programming language used in a wide variety of application domains.

---

## Why Python?

---

- Easy to read and learn
- Free and Open Source
- Useful for scientific computing
- Powerful interactive interpreter
- Extensive scientific libraries
- Well documented

---

## Where can you use Python ?

---

- Numeric and Symbolic computation
- 2D/3D Plotting
- User interfaces
- Parallel computing
- Machine Learning and Image Processing
- Game development
- Web development
- Much more...

**django**

---

## Who uses Python?

---

- Google
- Yahoo
- Walt Disney
- NASA
- IBM
- YouTube
- nVIDIA
- Software - Blender, Motion Builder, Cinema 4D, etc.
- Games - Battlefield 2 by EA sports, Crystalspace 3D, etc.

Python is one of the most popular programming languages today, and therefore has been included in the CBSE curriculum. It easily performs tasks that proprietary tools like Matlab and Mathematica offer. Today leading companies are using Python extensively, hence there are better job opportunities. Learn Python, and grab the Opportunity!

---

Sponsored by

**National Mission on Education through ICT  
MHRD**

<http://www.sakshat.ac.in>

