

Python:

- Python is a high-level, interpreted programming language.
- Created by Guido Van Rossum and released in 1991.
- It is a versatile and beginner-friendly language.
- Python is known for its readability and efficiency.
- Easily adaptable for Web applications and Database projects.
- Majorly supports Software Development.
- Python has simple syntax, which makes it easier to grasp.
- Code will be executed line by line, easy to debug.
- Rich library sets make it easier to perform various tasks from web development to manipulate the data.
- Supports object oriented programming, allows for the creation of the objects.
- Can run on various platforms.

WHY PYTHON?

- Python works on different platforms like Windows, Mac, Linux etc.
- Python has simple syntax.
- Allows the developer to write programs in fewer lines and some other languages.
- Interpreter language, which means the language can be executed line by line.
- Procedural execution process and it is an Object Oriented Language.

APPLICATIONS OF PYTHON:

- Web Development
- Data Science and Analytics
- Machine language and Artificial Intelligence
- Automation and Scripting