

Python is a versatile, high-level programming language known for its simplicity and readability. It supports multiple programming paradigms, including procedural, object-oriented, and functional programming, making it suitable for beginners and professionals alike. Python is widely used in web development, data analysis, artificial intelligence, machine learning, and automation. Its extensive library ecosystem and vibrant community contribute to its popularity, enabling developers to solve complex problems with ease. Python's focus on code readability ensures that programs are easy to write, debug, and maintain.