

Python is a versatile and beginner-friendly programming language. Its simple syntax and readability make it an excellent choice for new programmers. Python is used in web development, data analysis, machine learning, and more. With its extensive library support, Python allows developers to focus on solving problems rather than coding complexities.

Python's ecosystem includes frameworks like Django and Flask for web development, and libraries like Pandas, NumPy, and Matplotlib for data analysis. Python is also highly popular in AI, with TensorFlow and PyTorch empowering developers to create sophisticated machine learning models.