

# Introduction to Python Programming

Python is a high-level, interpreted programming language known for its simplicity and readability.

It was created by Guido van Rossum and first released in 1991. Python is widely used for web development,

data analysis, artificial intelligence, scientific computing, and more.

Key Features of Python:

- Easy to read and write syntax
- Large standard library
- Dynamic typing and memory management
- Support for multiple programming paradigms
- Wide range of applications from web to machine learning

Popular libraries include:

- NumPy and Pandas for data analysis
- TensorFlow and PyTorch for machine learning
- Flask and Django for web development

Python's versatility and community support make it one of the most popular programming languages today.