

Intro to Python

Module 1 | Intro to Programming and Python



What is Python?

15 min • Module • 6 Units

★★★★★ 4.8 (427)

Beginner

Developer

Visual Studio

700 XP

A quick introduction to Python, programming languages, compilation, and the process of programming.

In this module, you'll learn:

- What a programming language does, why Python is so popular, and why it's a great choice as your first programming language.
- Why you must compile your code into a format that computers understand.
- The process of programming and the software tools you must install.

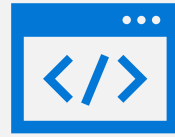


Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace. Its language constructs and object-oriented approach aims to help programmers write clear, logical code for small and large-scale projects.

[https://en.wikipedia.org/wiki/Python \(programming language\)](https://en.wikipedia.org/wiki/Python_(programming_language))



What is Python?



Flexible programming language



Designed to be human readable

Why use Python?



Great starter language



Great advanced language



Wonderful community

What can I build with Python?



Machine learning models



Artificial intelligence projects



Web applications



Automation utilities



Anything, really

Module 1 | Intro to Python



Introduction to Python

1 hr 7 min • Module • 10 Units

★★★★★ 4.7 (1,519)

Beginner

Developer

Azure

1000 XP

Learn how to write basic Python code, declare variables, and work with console input and output

In this module, you will:

- Explore the choices available to run Python apps
- Use the Python interpreter to execute statements and scripts
- Learn how to declare variables
- Build a simple Python app that takes input and produces output

