



7 Steps to Learn Python

From Scratch



1

Understand why you are learning Python?

Whether you are interested in automating tasks, analyzing data, developing software, or building ML or AI models, a clear goal will keep motivated and focused on your learning journey



2

Start Learning with Python Basics

Python emphasizes code readability to express concepts in fewer lines:

- start with variables, data types, operators, and strings
- understand functions, control statements, and loops



3

Master Intermediate Python Concepts

After basics, move on to intermediate Python concepts such as

- error handling and exceptions
- working with libraries
- data structures such as lists, dictionaries, and tuples
- Object Oriented Programming



4

Master Advanced Python Concepts

After intermediate, move on to more advanced Python concepts such as

- Working with Data manipulation analysis with **NumPy**, **Pandas**, **Matplotlib**, and **SciPy** libraries



5

Learn By Doing Projects

One of the most effective ways to learn Python is by actively working with Project(using it).

- Minimize the amount of time you spend on learning syntax and work on projects as soon as possible.



6

Build a Portfolio of Projects

Compile your projects into a portfolio that reflects your interests within your chosen industry.

- ensure your projects are original and showcase your problem-solving skills



7

Keep Challenging Yourself

Never stop learning. Whether you are interested in data science, machine learning, or web development, there's always more to learn in the world of Python.

@epythonlab



Learn Python for Free

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