

# Roadmap for: Python

ð=þ€ \*\*Your Python Journey: A Beginner's Roadmap\*\* ð=þ€

1. \*\*Hello, Python! ð=Ü : \*\* Set up your environment (download Python!). Write your first "Hello, world!" program. ð<ß%
2. \*\*Variables & Data Types ð=Üæ: \*\* Learn about integers, floats, strings, and booleans. Practice assigning values and using print statements.
3. \*\*Operators & Expressions ð>Ýî: \*\* Master arithmetic, comparison, and logical operators. Solve simple math problems in code.
4. \*\*Control Flow ð=þ! : \*\* Learn `if`, `elif`, `else` statements for decision-making. Use `for` and `while` loops for repetition.
5. \*\*Data Structures ð=ÝÄþ : \*\* Explore lists, tuples, and dictionaries. Practice manipulating and accessing data within these structures.
6. \*\*Functions &™þ : \*\* Create reusable blocks of code. Learn about parameters, arguments, and return values.
7. \*\*Modules & Packages ð=ÜÚ: \*\* Import and use pre-built functions from libraries like `math` and `random`.
8. \*\*Working with Files ð=ÜÂ: \*\* Learn to read from and write to files.
9. \*\*Basic Input/Output (I/O) # (þ ð=Ý±þ : \*\* Get user input using `input()` and display output effectively.
10. \*\*Practice Projects! ð<ßÆ: \*\* Build small projects (calculator, to-do list, etc.) to solidify your skills. Don't be afraid to experiment!

Keep learning, keep coding! You got this! ð=ÜM