## 📌 Training Plan for Python

I’ll break the training into levels:

### 🟢 Level 1: Basics (Foundation)

* What is Python? Why use it?
* Install & run Python (IDLE / VSCode / Jupyter Notebook).
* Print statements.
* Variables & Data Types (int, float, str, bool).
* Operators (arithmetic, comparison, logical).
* Input from user.
* Type casting.

### 🟡 Level 2: Control Flow

* if / elif / else
* for loop, while loop
* break, continue, pass

### 🟠 Level 3: Data Structures

* Strings
* Lists
* Tuples
* Sets
* Dictionaries

### 🔵 Level 4: Functions

* Defining functions
* Arguments & return values
* Default & keyword arguments
* Lambda functions

### 🟣 Level 5: Advancedvbg

* File handling
* Exception handling (try-except)
* Modules & Packages
* Object-Oriented Programming (classes, objects, inheritance, polymorphism)
* Iterators & Generators
* Decorators
* Regular Expressions

### ⚫ Level 6: Data & Libraries

* Numpy
* Pandas
* Matplotlib
* Real-time mini projects