Python PROGRAMMING
Online Live Training

Python Programming

Join the certified courses from Prutor.AI, IIT Kanpur this Summer, and get the opportunity to utilize your summer vacation by learning new technology at the comfort of your home.

This online live training program is designed in such a way that it makes learning by building projects super easy for you.

For applying for a job Artificial Intelligence + Machine Learning certificate is considered one of the most needed certifications.

Training Highlights

- Learn from home
- Certificate of Training
- Online Live Classes
- Faculty Support

- 4 weeks of training
- Doubt clearing
- Syllabus
- 2 weeks of project work

How will your training work?

- Attend Online Classes
- Learn with Hands-on practical
- Do the project work

- Give the final quiz
- Get a certificate in Python Programming

Course Curriculum

- Introduction
- The Programming Cycle for Python
- Getting started
- Variables and simple data types
- Elements of Python
- Type Conversion
- Expressions
- Assignment Statement
- Arithmetic Operators
- Operator Precedence
- Boolean Expression
- Introducing list
- Working with lists
- For Loop
- Nested Loops
- Nested Loops
- Tuples
- Unpacking Sequence
- Lists
- Mutable Sequences
- List Comprehension
- Sets
- If statements
- Conditional
- Conditionals (Continued)
- Expression Evaluation
- Float Representation
- Dictionaries
- User input and loops
- Break and Continue
- Function
- Parts of A Function
- Execution of A Function
- Keyword and Default Arguments

- Scope Rules
- String
- Indexing and Slicing of Strings
- More Slicing
- Higher Order Functions
- Sieve of Eratosthenes
- Abstract Data Types
- Classe
- Modules
- Importing Modules
- Classes
- Special Methods
- Class Example
- Inheritanc
- Inheritance and OOPS
- Files and Exceptions
- File I/O
- Exceptions
- Testing your code
- Assertion
- Iterators
- Recursion
- Simple Search
- Estimating Search Time
- Binary Search
- Estimating Binary Search Time
- Recursive Fibonacci
- Tower Of Hanoi
- Sorting
- Selection Sort
- Merge List
- Merge Sor
- Higher-Order Sort

What projects you can build?

Alien Invasion	Gender and Age Detection	Countdown Clock and Timer	Chatbot

Apply Now

Or click here to apply