

Intro to Python Programming (Intermediate Part 1) 3hrs

Introduction to Python Programming by Joshi

Intermediate Python Programming Classes NYC

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## Full Title

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## *Weblinks:*

<http://learnprogrammingnyc.com/>  
<http://qcfinanceconsultingnyc.site/>

## Contact details

Please mail [shivgan3@gmail.com](mailto:shivgan3@gmail.com) or call Shivgan Joshi (929-356-5046) for any details/queries

## Summary

Once you're past the Python Fundamentals, you can start digging into our intermediate-level tutorials that will teach you new Python concepts. This category is for intermediate Python developers who already know the basics of Python development and want to expand their knowledge.

## About this event

If you are new to Python, we suggest you start with our Python Basics category, which takes you on a comprehensive tour through the Python language and related concepts, even if you are a complete beginner.

1. This course consists of 3 hours of onsite training along with 3 hours of live online training and 3 hours of tech support! (Online classes are taken on zoom.)
2. A minimum of 3 seats are required to start a batch, so please share your preferred date and time-slot to form a batch.
3. You can also join our 1 on 1 personalized course for which you can inquire separately.

This program aims to provide its students an international, wide-spectrum qualification for job-readiness.

## Instructors:

1. Shivgan Joshi – Python Data Science Instructor

(Instructor has taken several sessions in NYC and will explain you all concepts in a very eloquent manner.)

## More details about the event

This is great introductory course on Python for people who want to learn Python as well as Programming.

It doesn't matter if you've had no programming experience whatsoever. This course starts Python programming from scratch, showing you everything from how to set up a Python IDE to how to use list comprehensions, and helping you build a solid foundation for programming in Python.

The best part of the course is that every new concept is taught with source code slides and practice problems for you to work through.

This learn-by-doing approach is great for beginners who can quickly learn both Programming and Python by following this course.

## What You'll Learn:

- Introduction
  - How to install Python and Jupyter Notebook
  - Print Hello World
  - Keywords & Identifiers
  - Python Variables
  - Python DataTypes(List / Tuple / String / Set / Dictionary)
  - Python I/O and Import
- Functions.
  - Python Functions
  - Function Argument
  - Python Local and Global
  - Intermediate Functions
  - Lambda Functions
- Flow Control
  - IF, ELIF, and ELSE statements
  - Loops (For and While Loops)
  - Nested Loops with if else
  - List Comprehension
  - Break and Continue
  - Pass Statement
- File Handling
  - File Operation
  - Python Exception
  - Python Directory.
  - Exception Handling
  - User-defined Exception
- Object and Class
  - Python Oop Introduction
  - Python Class Introduction
  - Intro to Inheritance and Composition(OOP Concept)
- Intermediate data structure with List/Dictionary (JSON)

## Instructor's Bio Data

### Shivgan Joshi

Shivgan Joshi is an executive trainer and talent acquisition consultant at QcFinance and has worked in the field of data science across disciplines, including engineering, investment banking, and technology. Previously, Joshi served as data science manager for BaiNYC and co-founder of QcFinance. At QcFinance, Joshi developed Python, R, SQL, MatLab, VBA, and BAT courses focused on all aspects of finance, including trading and modeling of quantitative portfolios.

He is passionate about elevating businesses through the implementation of data science and data analytics. He has delivered online, live, and interactive training sessions to students and executives around the globe. Joshi realizes the value of adequately leveraging data and commits to helping businesses to do successfully. He holds an undergraduate and graduate degree in data science as well as a Master of Business Administration.

<https://www.udemy.com/user/shivganjoshi2/> [Please check out the python 101 course to know more about the content]

<https://www.linkedin.com/in/shivganjoshi/>

<https://github.com/shivgan3>

<https://notebooks.azure.com/shivgan3/libraries>

## Other Courses

We also offer affordable courses on -

1. Python programming,
2. Data Science and Analysis,
3. Machine Learning,
4. Blockchain technologies, and
5. VBA

## Reference

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