

thispointer.com

You are here: [Home](#) » [5 Free Python Courses in 2020](#) | [Best of the lot](#)

5 Free Python Courses in 2020 | Best of the lot

Nowadays, python is the first choice for machine learning, data science and artificial intelligence. Also, python provides good infrastructure for application & web development. Python is clearly one of the most used programming languages. Companies like Google, Pinterest, Instagram, Disney, Yahoo and many others are building their many products in python.

Python is clearly one of the hottest programming languages of 2020. With the emerging trend of Data science & machine learning, python can surely help you grab a high paying programming job.

In this article, we will tell you about the best python free online course for beginners. Let's look at them one by one,

Learn to Code in Python 3: Programming basics to advanced

If you are a beginner in python or have some experience in it but want to learn python from scratch, then this course is for you.

This course covers the basic fundamentals of python like, variables, loops, functions, string, list, dictionary and other data structures. Then it moves to intermediate topics like modules, reading and writing on files(Excel, JSON, txt), sending HTTP requests to web servers and APIs etc.

Lastly, it covers a little bit of Data Visualization, Statistics and Machine Learning in Python.

- Course Duration: 5 Hours
- Students enrolled: 46793
- Ratings: 4.5

Key Highlights:

- It is Free
- Best course to start with python for absolute beginner
- Learn to use Python to solve real life problems
- Get lifetime access of videos and downloadable resources
- A certificate of conclusion

[Enroll for Free](#)

Introduction To Python Programming

If you are learning Python for the first time or want to brush-up your existing python skills quickly, then this is the course for you.

This course starts teaching python from scratch and covers following topics,

- Variables & Arithmetic Operations
- List, Dictionary & tuples
- Conditional Statements & Loops
- Exception Handling
- Functions

- Object-Oriented Programming
- Inheritance

Although this is a free course, it covers almost all the basic concepts of python. Even if you have not coded in python before, this course will teach you python step by step.

- Course Duration: 4.5 Hours
- Students enrolled: 388546
- Ratings: 4.4

Key Highlights:

- It is Free
- No previous programming experience required.
- Simple, precise and well structured course.
- Get lifetime access of 4.5 hours of videos and downloadable resources
- A certificate of conclusion.

[Enroll for Free](#)

Python Basics - Bootcamp

If you are looking for a quick overview of the basics of python, then this course is for you.

It covers the following topics:

- Installation
- Variables & Concatenation
- Math Operators
- Inputs
- If Statements

- For Loops
- While Loops
- Lists
- Functions
- Strings
- Slicing of Lists & Strings
- Creating a Quiz Game

Although this course is short (1 Hour) but it covers many keywords starting from very basic and will surely help to learn programming in python from scratch.

- Course Duration: 1 Hour
- Students enrolled: 24834
- Ratings: 4.3

This course is best for you if you want to learn the fundamentals of python quickly.

Key Highlights:

- Quick Overview of Python basics in 1 Hour.
- Get lifetime access of 5 hours of videos and downloadable resources
- A certificate of conclusion

[Enroll for Free](#)

Learn Python 3.6 for Total Beginners

This course teaches you the fundamentals of Python and Anaconda with Jupyter Notebook. It is best for you if you are beginning with python or have some exposure to other programming languages.

It covers following topics,

- Installing Jupyter Notebook IDE
- Using all the vital features of Jupyter Notebook
- Variables and comparison operators
- Strings, slicing and formatting
- Lists, Dictionaries and Tuples
- Control flow (if, elif, else)
- Advanced for loops and while loops
- List comprehension
- Functions and built-in functions
- Random module
- Lambda expressions
- Handling errors
- Working with text files

Transform from a newbie to pro in a day with this course.

- Course Duration: 6.5 Hours
- Students enrolled: 60971
- Ratings: 4.2

Key Highlights:

- 7 exercises with brain teasing tasks. Full solutions provided in pdf.
- Each concept is explained with code examples.
- Get lifetime access of 6.5 hours of videos and 8 downloadable resources
- A certificate of conclusion.

[Enroll for Free](#)

Google IT Automation with Python Professional Certificate

This is a professional certificate for Python designed by Google. It covers Python, Git & real world projects in six different courses. It has been designed to teach, how to program in python professionally, using git and how to create professional projects to solve real life problems.

This course / certification includes 6 sub-courses,

- Course 1: Teaches the basics of python syntax, then move to loops, string, lists, dictionaries and then OOPS.
- Course 2: Teaches you to manipulate the files and processes using Python and also explain regular expressions.
- Course 3: Teaches you all about the git and github.
- Course 4: Teaches troubleshooting and Debugging Techniques.
- Course 5: Teaches configuration Management and the Cloud.
- Course 6: Teaches how to build a complete project to solve Real-World Tasks with Python.

Once you finish all of the courses in this program, then you'll earn a Certificate, which you can share with your professional network.

- Course Duration: Approx. 1 month to complete (30 hours/week)
- Students enrolled: 14809
- Ratings: 4.5

Key Highlights:

- Course developed by Google. This program is part of Grow with Google.
- Apply your skills with hands-on projects
- Learn on your own schedule
- Shareable Certificate upon completion

