**Learn python- Advanced python course**

**About course**

Python programming has grown on to become one of the most popular programming languages in the software industry. It has made its presence felt in emerging areas such as machine learning, data science and web development. Thanks to its rich-set of libraries and extensive frameworks making it one of the most sought-after programming languages in the IT industry.

The upper hand python has over conventional programming languages are numerous. The syntax for writing code in python is much like writing a few lines of normal English statements. The learning curve is relatively so smooth and short, so much so that if you’ve experience with any of the basic object-oriented languages, being an expert in python will be a walk in the park.

In this Advanced python course, you will be learning the A- Z of python, its uses, in which all fields we can use this complex yet simple programming language.

**What is python used for?**

Python can be used for developing websites, data analytics, machine learning, task automation etc. Since it is a general-purpose language, it is the preferred language of developers and non-developers alike for doing simple tasks like accounting, data organization etc. The extensive uses of python are

* Data analytics and machine learning

Python has become the staple for data scientists and engineers due to its ability to create complex statistical calculation, create data visualization, analyze and manipulate data, build algorithms and do any data related task. And the libraries in python like NumPy, Pandas, matplotlib are really practical for data scientists.

* Software testing

Python hosts a multitude of tools to help testers in tasks like build control and bug tracking. The testing process can also be automated using pytest, selenium and robot

* Web development

Python can also be used to do backend of web pages. The program can be used to do URL routing, communicating with databases, ensuring security ... so on and so forth.

**What is the average salary you can expect as a python developer?**

The average entry-level Python Developer in India can make INR 427,293 per year. The average mid-level Python Developer in India can make INR 909,818 per year and finally an experienced python developer can make INR 1,150,000 per year in India.

**Why is python so popular?**

Python is getting so popular day by day due to the fact that it’s easier to learn, easy to implement with tons of tools readily available. The program being highly versatile with multiple practical use cases. Why wouldn’t something so useful get popular. Some notable advantages of python are

1. Flexibility
2. Simplicity
3. Rich libraries
4. Huge community support
5. Working time can be optimized
6. Platform independent

It has become a favorite among both aspiring students as well as hard-working professionals as Python helps them to implement large-scale solutions with ease. The reach of Python has spread across various Industries and adding the Python skill is definitely going to highlight your resume during the shortlisting process if you are applying for a job. If you are already a programmer, doing this course will help you to look for job opportunity as a Python programmer with a lucrative salary package.

**What do you learn from our course?**

You will learn the A-Z of the python programming language, all the techniques and functionalities. The tools python provides and how it can be used in various instances.