



CERTIFICATE PROGRAM

Python for Beginners

Online Self Paced Course | 30+ Hours of Training

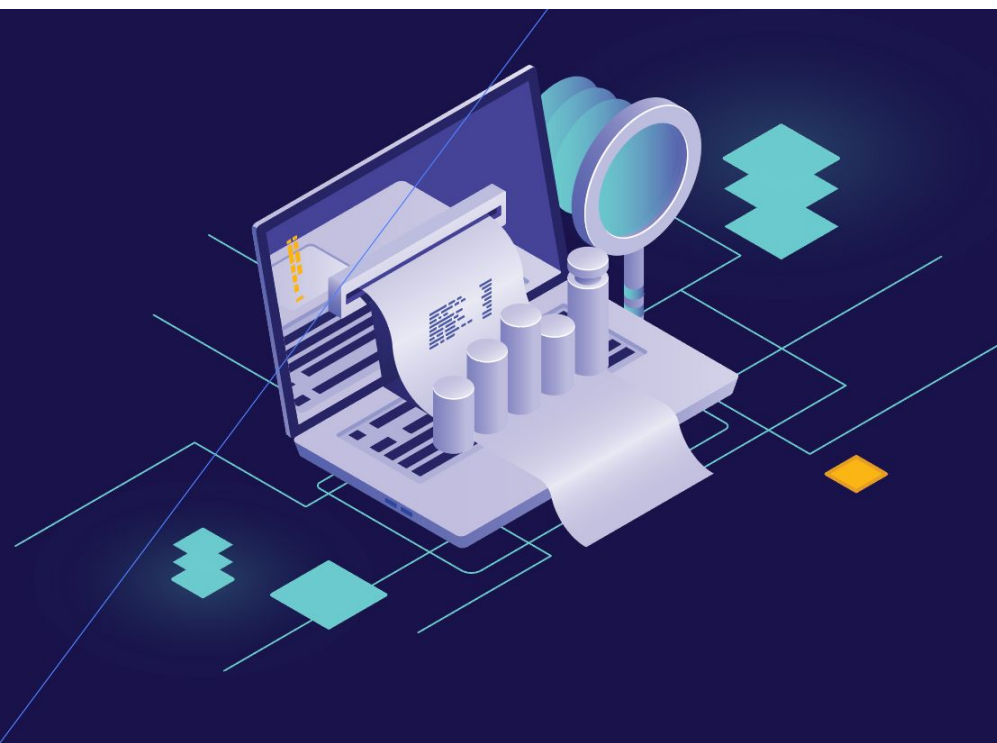


CloudxLab & Course

At Cloudxlab, we are building one of the best gamified learning environments to make technology learning fun and for life. More than 50,000 users across the world have been benefited by our signature courses on Machine Learning and Big Data. Our vision is to upskill people on high-end technologies like Deep Learning, Machine Learning, Big Data and make them employable.

Automation is dominating every domain and impacting every walk of human life. The tasks that used to require human labor can now be performed with far more precision and efficiency with automation.

The first step for automation is to learn a programming language. Which programming language should you learn? When we studied the demand in industry, we found that the demand for python has increased 34% since 2014. And there is a reason why the demand for python has grown so quickly. Python is the most versatile language of all.



Sandeep Giri

Founder at CloudxLab

About E&ICT Academy, IIT Roorkee

E&ICT Academy, IIT Roorkee provides training programs with an emphasis on hands-on learning in basic/advanced topics and emerging technologies. Then project is sponsored by the Ministry of Electronics and Information Technology, Govt. of India. E&ICT courses are at par with QIP for recognition/credits.

The programs are conducted by well-known industry partners, researches and experts from leading academic and renowned R&D organizations. For this, the Academy has signed MoUs with Industry/ R&D partners in different domains, who collaborate and work with them in conducting the training programs. Academy also facilitates the interaction between beneficiaries and industry experts to enable collaboration and finding opportunities for parent institutions.



Sanjeev Manhas

Associate Professor IIT Roorkee

Why CloudxLab



Earn a certificate from E&ICT Academy, IIT Roorkee.



Learn Python from industry experts



Online cloud lab for hands-on for real-world experience



Best-in-class support Throughout your learning journey



Lifetime course access



Work on real-world projects.



Interact with the international community of peers via the discussion forum.

Course Creators



Sandeep Giri

Founder at CloudxLab
Past: Amazon, InMobi, D.E.Shaw

Course Developer

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Sanjeev Manhas

Associate Professor,
IIT Roorkee

Course Advisor

[Know More](#)



R. Balasubramanian

Professor,
IIT Roorkee

Course Developer

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Partha Pratim Roy

Assistant Professor,
IIT Roorkee

Course Developer

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Abhinav Singh

Co-Founder at CloudxLab
Past: Byjus

Course Developer

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Course Curriculum

1. Introduction to Linux
2. Introduction to Python
3. Hands-on using Jupyter on CloudxLab
4. Variables, expressions, and statements
5. Conditional Execution and Functions
6. Loops and Iterations
7. Files and Lists
8. Tuple and Dictionary
9. Regular Expression
10. Quizzes, gamified assessments & projects

Project

1. Analyze Emails

Churn the mail activity from various individuals in an open source project development team.

Course Details and Fees —

Please find more information about the course and fees here:

<https://cloudxlab.com/course/74/python-for-beginners-eict-iit-roorkee>

Mode of Learning —

Online Self-Paced Learning

Our Esteemed Customers —

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W
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For Further Details —

Contact us at [+080-4920-2224](tel:+080-4920-2224) or [+1 412-568-3901](tel:+1412-568-3901) or contact:



Aswath Madhu
Program Director

programs@cloudxlab.com



Prakhar Katiyar
Chief Admissions Counsellor

admissions@cloudxlab.com

For Business —

For corporate training and bulk enrollments, write to us at reachus@cloudxlab.com

Headquarters - United States

2035, Sunset Lake Road Suite B-2, 19702
Newark, New Castle
Delaware, United States

R&D Center - India

Issimo Technology Private Limited
#215, Arcade, Brigade Metropolis,
Mahadevpura, Bangalore, India - 560 048