The IoT
Academy
Connecting The Unconnected

Python Certification Course

About Us

We are a fast emerging company imparting quality and affordable programs for colleges and individuals for digital economy skills training, internship and guidance focused on helping people develop the skills they need to thrive in the rapidly growing digital economy.

The IoT Academy has made a niche name for itself providing rigorous online/offline training in Data Science, Machine Learning, AI, Python, Java, Internet of Things (IoT), Embedded Systems, Big Data, Data analytics, Industrial IoT, Industry 4.0, Digital marketing, Etc. Based in Delhi NCR since 2017 we have helped 150+ professionals, 600+ students and 100+ faculties across the states get trained, acquire certifications, and upskill their employees.

We have an easy and affordable learning solution that is accessible to millions of learners. With our learners spread across countries like the US, India, UK, Canada, Singapore, Australia, Middle East, Brazil, and many others, we have built a community of over 1 million learners across the globe.

Vision

We aspire to provide learners an edge over the career they choose to stand out amongst today's competitive world through support in training and various academic and industrial collaborations.

Mission

At IoT Academy We believe that the future is about Unified and Converged technologies as reflected in our mission statement. Every aspect of life will eventually lead in bringing forth a unified world of immense possibilities.

About the Program

This Python Course by The IoT Academy is designed to give you essence of Python programming in writing Python and work with its various packages . You will learn to build an end-to-end application, test and deploy code, store data, and much more. Learn with best industry experts and in state of the art infrastructure. Join the MAANG/Top product companies with guaranteed placement. Python Certification Course by The IoT Academy is an onlne program developed to learn job ready software skills from industry experts. Master your skills in Python to get into one of the many in demand fields like Data Science, Machine Learning, Data Analyst, Business Analyst and many more.
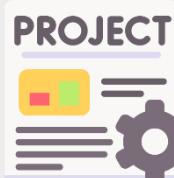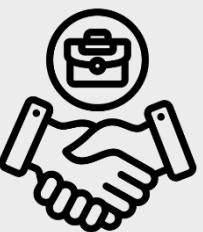
Workshop Seminars

Training

Our Services

Projects

Placements

Internship

We help fresher and experienced individuals to match the pace of fast-growing technologies. At **The IoT Academy**, we offer courses like **AI, ML, Python, Java, IoT**, and more!

WEEK 1

Introduction to Data Science

Introduction to Programming

Introduction to Artificial Intelligence and Machine learning

WEEK 2

Introduction to Python: Installation and Running
(Jupyter Notebook, .py file from terminal, Google Colab)

Data types and type conversion

Variables and basic operations

Flow control

Loops

Lists, Set and Tuple

WEEK 3

Dictionary

Functions

Numpy

File Handling

Pandas

WEEK 4

Data Visualization Library: Matplotlib, Seaborn

Geospatial Data Visualisation

Class and Objects

Error/ Exception Handling

WEEK 5

Image processing in python (OpenCV)

Tensorflow and Keras

Data building for machine learning tasks

WEEK 6

Implementation of machine learning model

Build first neural network
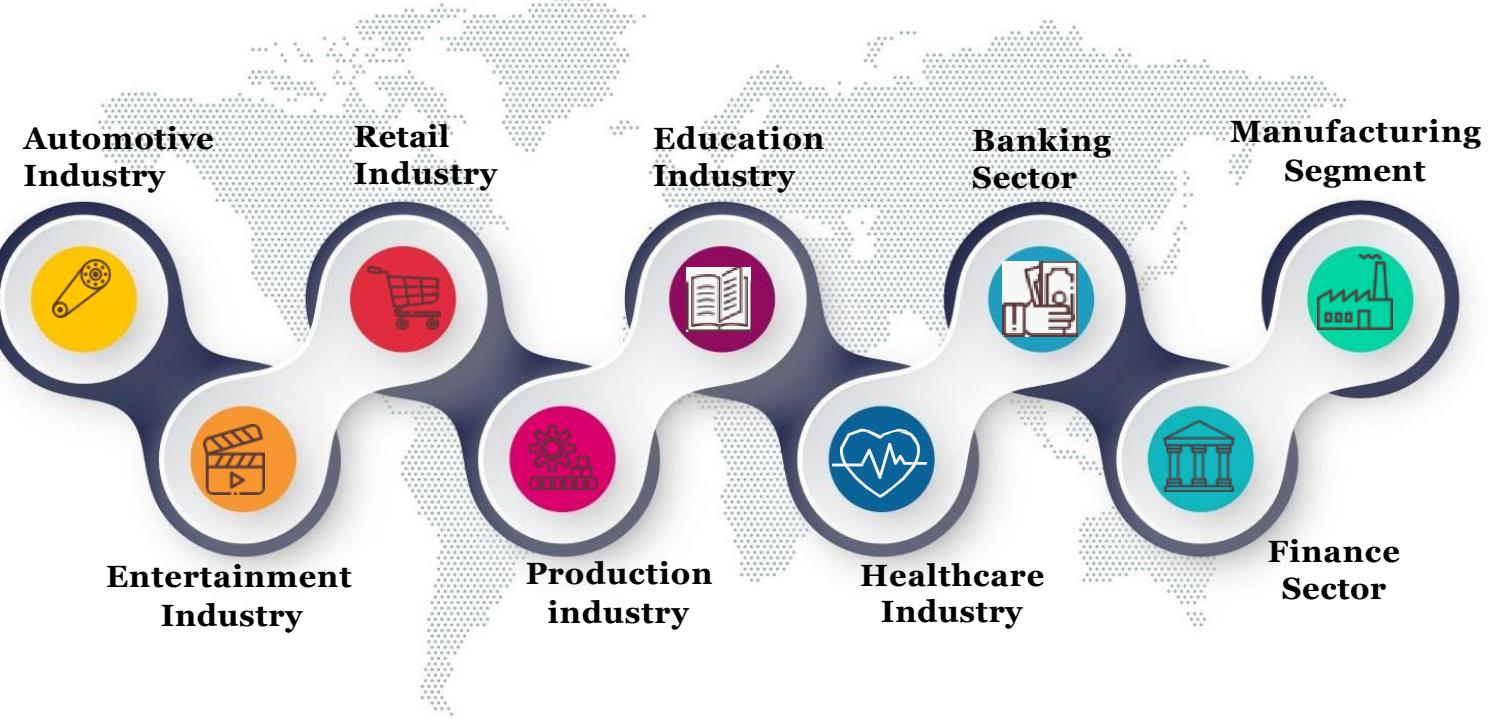
Transfer learning Introduction

PROJECT:-
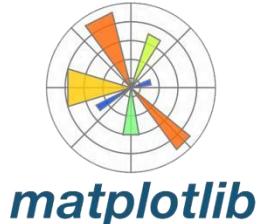
Live Machine Learning Project

PYTHON

CAPSTONE PROJECTS

The end to end projects and assignments will help you accumulate real-world experience in different industries and domains.

Automotive Industry

Retail Industry

Education Industry

Banking Sector

Manufacturing Segment

Entertainment Industry

Production industry

Healthcare Industry

Finance Sector

Which tools and technologies will we be using?
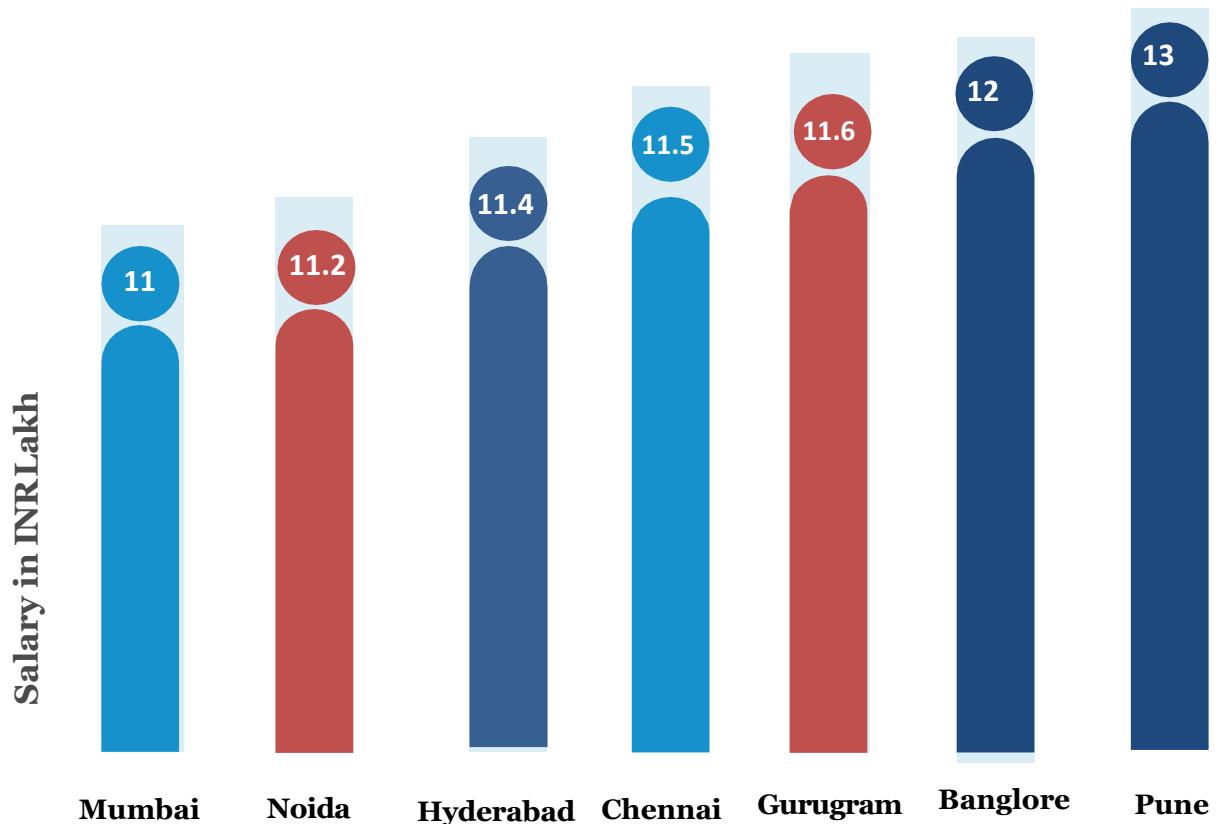
OUR ALUMNI WORK AT

CURRENT TRENDS IN DS,ML JOB MARKET

As per Ambition Box, Python Language will create 16 Lakhs job openings by 2021-22 The average annual salary of Python Software Developer in India is Freshers: Between **2 LPA to 6 LPA** Experienced: Between **8 LPA to 18 LPA**

Salary in INR Lakh

Mumbai	Noida	Hyderabad	Chennai	Gurugram	Banglore	Pune
11	11.2	11.4	11.5	11.6	12	13

Top Recruiters

HSBC KPMG IBM wipro

Moody's ANALYTICS accenture genpact ORACLE

kotak Kotak Mahindra Bank Honeywell tcs HDFC BANK

ICICI Bank WNS accenture Deloitte.

Certifications:

Upon successfully completing this program, you'll Learn **Python Certification Course** co-branded **by Industry Expert** as the Knowledge Partner.

This certificate will testify to your skills as an expert in **Python Language**

Certification ID: xxxxxx

The IoT Academy
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Certificate of Completion

This is to certify that Mr./Ms.

Student Name

Has Successfully Completed 6 Weeks Training Course in

Python Certification Course
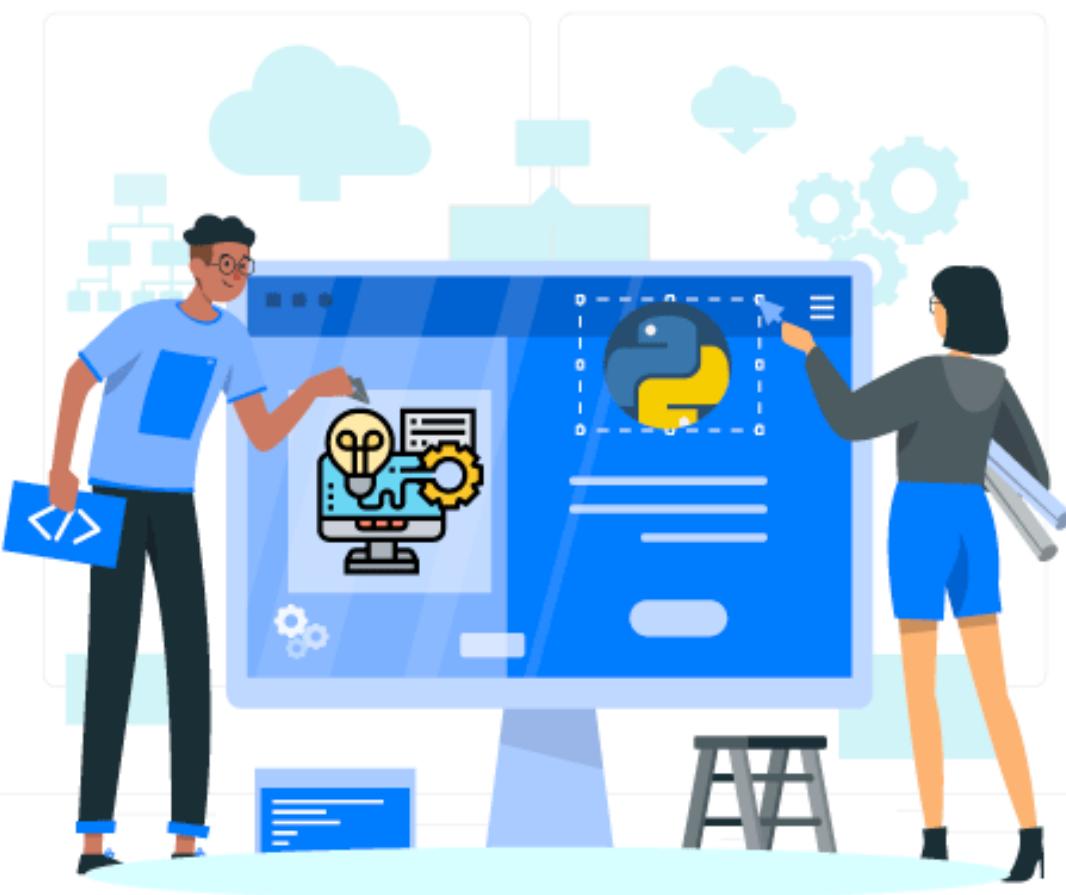
xxxx - xxxx 2023

Date

Kaushlendra Singh Sisodia
Chief Mentor, The IoT Academy
Director, Uniconverge Technologies

COMPLETED

Thank You!

Program Information:

Python Certification Course

By The IoT Academy

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