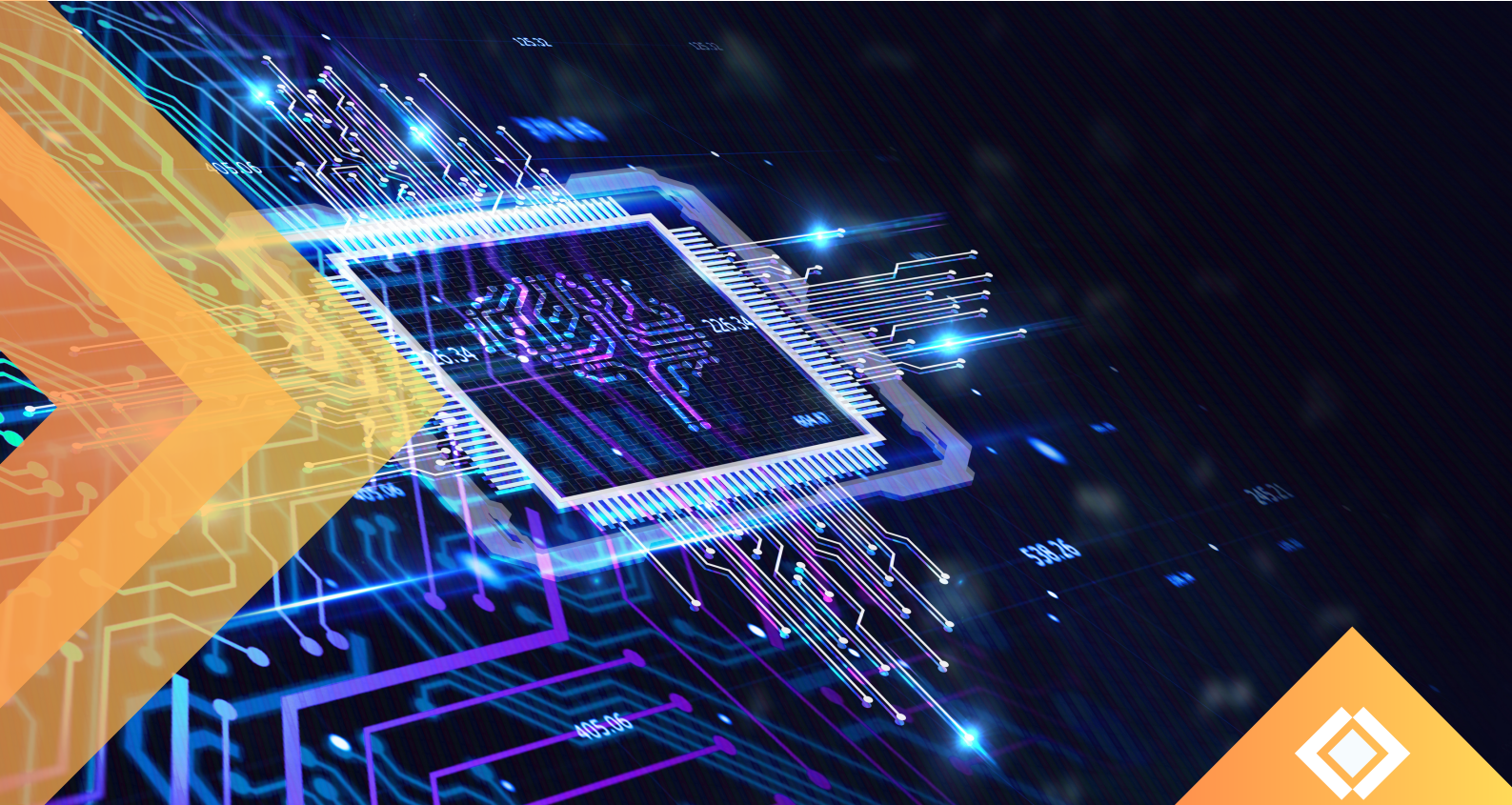


CERTIFIED MACHINE LEARNING PROFESSIONAL

CMLP



COURSE BROCHURE



INTRODUCTION TO THE COURSE

With the exponential development in technology over the years, more and more companies are resorting to Artificial Intelligence (AI) technology and are experiencing significant growth as a result. The basics of Artificial Intelligence (AI) lie with machine learning. It means basically that we train a machine using a dataset to predict certain values. These predictions are not always 100% accurate but lie in the range of 85-90% accuracy.

Therefore, acquiring knowledge about machine learning is the most important thing one should do before learning anything about Artificial Intelligence (AI). Having a strong foundation in machine learning will help you learn Artificial Intelligence (AI) faster and more efficiently.

But what programming language should we use for machine learning?

Luckily for us, the Python programming language is the most popular programming language for machine learning and programming Artificial Intelligence (AI) systems.

FOCUS AREAS

- GATHERING DATA 
- DEFINING MODEL 
- FEATURE ENGINEERING 
- TESTING 



The Certified Machine Learning Professional CMLP by IEM Labs follows a step-by-step approach to machine learning methodologies. After successful completion of the course, the students will be able to work on machine learning programs without difficulty. Using this certification credential, students will be able to apply for Machine Learning Professional and other related job roles.

This programming course stirs a lot of interest in students since EMLabs provides hands-on training procedures via projects and practical-based classes throughout the entire curriculum of the course.

We at IEM Labs provide both online (through platforms like "Google Hangout Meet", "Go to Meeting", "Zoom", etc.) and offline mode of classes. One of the most important benefits for a student to get trained by IEM Labs is the "One Year Lab Access", Le. every student from the date of admission will have access to our "Online Virtual Lab" for practicing and getting all notes, pre-recorded videos and tools according to their courses for one year free of cost.



MARKET JOB OPENINGS

Listed below are the Certified Machine Learning Professional jobs that are available for both IT students and working professionals in abundance.

**Applied Scientist
(Machine Learning)**

[Click Here to View Jobs](#)

**AI and Machine
Learning Engineering**
[Click Here to View Jobs](#)

**Data Scientist
(Machine Learning/Image
Recognition)**

[Click Here to View Jobs](#)

**Research Scientist
(Machine Learning /AI)**
[Click Here to View Jobs](#)



ABOUT THE COURSE

- **Course Type: Basic**
- **Eligibility Criteria:**
 - No basic knowledge is required.
 - Minimum System Configuration Required: -
 - o Intel i5 Processor
 - o 8GB RAM
 - o 1TB Hard Disk
- **Batch Size: 5 students maximum**
- **Course Duration: 40 hours**

	ONLINE	OFFLINE
COURSE FEE:	12000 INR	12000 INR
TRAINING LOCATION:	ANY	KOLKATA

COURSE CONTENT



MODULE 01	Introduction to Python and Anaconda
MODULE 02	Control Flow Tools
MODULE 03	Data Structures of Python
MODULE 04	Python Modules and Input/Output in Files
MODULE 05	Introduction to Data
MODULE 06	Object Oriented Programming (OOP) Concepts
MODULE 07	Generators and Exception Handling
MODULE 08	Working with Scipy and Numpy Modules
MODULE 09	Introduction to Pandas Data Structure
MODULE 10	Data Preprocessing (Missing data, Categorical Treatment)
MODULE 11	Machine Learning Algorithm
MODULE 12	Supervised Learning
MODULE 13	Unsupervised Learning
MODULE 14	Project





MACHINE LEARNING

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