IEM LABS.

COURSE
BROCHURE

Certified Machine Learning Professional | CMLP

Introduction to the Course

With the exponential development in technology over the years, more and more companies are growing who are working on **Artificial Intelligence (AI)** technology. 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 100% accurate** but lie in the range of **85-90% accuracy**.

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

But what programming language to use for machine learning?

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

For these reasons, the **Certified Machine Learning Professional | CMLP** training course by **IEMLabs** has become so popular in Kolkata and other places. You will be trained by industry professionals who have been working in this field for the last 8-10 years.

The **Certified Machine Learning Professional | CMLP** by **IEMLabs** goes step-by-step into **Machine Learning** methodologies. After the completion of this course the students will be able to work on **Machine Learning** programs successfully.

Why to choose IEMLabs?

What makes this course much more exciting is that we provide **hands - on training** procedure through projects and practical based classes throughout the entire curriculum of the course.

We at **IEMLabs** provide both **Online** (through platforms like "*Google Hangout Meet*", "*Go to Meeting*", "*Zoom", etc)* and **Offline** mode classes. The most beneficial point for a student to get trained by **IEMLabs** is "**One Year Lab Access**", i.e. every student from the date of admission will have access to our "**Online Virtual Lab**" for practising and getting all notes, pre-recorded videos and tools according to their course for one year absolutely free of cost.

About the Course

Course Type - **Advanced**

Eligibility Criteria: -

- **Knowledge of Python Language.**
- **Minimum System Configuration Required: -**
    - **Intel i5 processor**
    - **8gb Ram**
    - **1tb Hard disk**

Batch Size - **5 students maximum**.

Course Duration - **40 hours** i.e. **2 classes every week**.

Course Fee: -

- **Online: 12000 INR + 18% GST**
- **Offline: 11000 INR + 18% GST**

Training Location: -

- **Offline - Kolkata**
- **Online - Any**

Gradation System of IEMLabs

- **E Excellent (90% - 100% Marks)**
- **A+ Very Good (80% - 89% Marks)**
- **A Good (70% - 79% Marks)**
- **B+ Average (60% - 69% Marks)**
- **B Fair (50% - 59% Marks)**
- **C Fail (Below 50% Marks)**

Course Content

- Module - 1: Introduction to Python
- Module - 2: Introduction to Machine Learning
- Module - 3: Lab Setup
- Module - 4: Data Pre-Processing
- Module - 5: Regression
- Module - 6: Classification
- Module - 7: Clustering
- Module - 8: Natural Language Processing (NLP)
- Module - 9: Dimensionality Reduction
- Module - 10: Boosting
- Module - 11: Association rule
- Module - 12: Reinforcement Learning
- Module - 13: Deep Learning
- Module - 14: Probability
- Module - 15: Application of Machine Learning in Information Security
- Module - 16: Project

Frequently asked questions (FAQ's)

1. **What must be the minimum age for doing this course?**
   Answer - There is no minimum age requirement for doing this course.

2. **What must be the minimum qualification required for doing this course?**
   Answer - There is no minimum qualification required if the student meets the **Eligibility Criteria**.

3. **Will I get any course material?**
   Answer - Yes, all materials are available on our online virtual lab, you can access them fully upto 1 year from the date of admission.

4. **Will I get a certificate after this course?**
   Answer - Yes, certificate (hardcopy/softcopy) will be provided after the course which will consist of a grade provided by the assigned trainer as per the final project submitted.

5. **In which language classes will be conducted?**
   Answer - Classes will be conducted mainly on English, Hindi & Bengali, mainly it will depend on majority criteria.

6. **Is this for professionals, students or both?**
   Answer - This course is both for Professionals and Students.

7. **Will there be any exam or project?**
   Answer - Yes, there will be 3 exams through the whole course duration and 1 project to be done after the course completion based on which Grade for certificate will be provided.

8. **Will I have to carry my own laptop or it will be provided?**
   Answer - It is recommended that the student carry his/her own system because it makes their self-practise easier. In case of emergency laptop/desktop can be provided by us.

9. **What kind of jobs roles can I apply after doing this course?**
   Answer - You can apply for any job roles related to the course.

10. **Can I apply for an Internships at IEMLabs? What will be the selection criteria and procedure?**
    Answer - After completion of minimum 2 courses you can apply for an Internship. There will be a technical interview, based on the reports from Faculty and Technical Interview selection will be granted.

11. **Are the Internships paid?**
    Answer - Yes, the Internships are "***Paid Internships***".

12. **My question is not enlisted here, whom can I contact?**
    Answer - Feel free to get in touch with us at: -
    - Email: iema@iemlabs.com
    - Phone: India: +91 9163198148 | Canada: +1-604-431-979