



COURSE BROCHURE

Certified Data Analysis Professional | CDAP

Introduction to the Course

Data Analysis is a part of statistics where data is examined, modified and modelled with the goal of finding useful information from the data. In computing data analysis paves the way for **machine learning**.

In **machine learning** there are various relations among data which such as **correlation**, **regression**, etc. In this course we will teach you to analyse data using **Python** and **Anaconda**.

With the development of **Artificial Intelligence (AI) technology**, **machine learning** is becoming more and more popular. But to understand **machine learning**, first we need to know how to analyse data.

For these reasons the **Certified Data Analysis Professional | CDAP** by **IEM Labs** has become so popular in Kolkata and other areas. In this the students will be taught every know and how of **Data Analysis** and will be able to work on them after the course completion.

The training sessions will be conducted by our industry experts who have been working in this field for the last 8-10 years. Using this certification credential students will be able to apply for **Data Analyst** and related job roles.

Why to choose IEM Labs?

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 **IEM Labs** 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 **IEM Labs** 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 about 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 IEM Labs

- **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 and Anaconda
- Module - 2: Control Flow Tools
- Module - 3: Data Structures of Python
- Module - 4: Python Modules and Input / Output in Files
- Module - 5: Classes & Objects
- Module - 6: Object Oriented Programming (OOP) Concepts
- Module - 7: Generators and Exception Handling
- Module - 8: Working with Scipy and Numpy modules
- Module - 9: Introduction to Pandas Data Structure
- Module - 10: Handling Missing Data
- Module - 11: Machine learning vs Statistical Modelling
- Module - 12: Supervised Learning
- Module - 13: Unsupervised Learning
- Module - 14: 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 IEM Labs? 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