

IEM
LABS.



COURSE BROCHURE

Data Science With Python and R Training

Introduction to the Course

Data Science is the branch of study wherein statistical analysis and prediction is carried out. This area of expertise has a lot of applications and there is a lot of scope for research in this field. Now, the **Data Science** models that we see are coded using **Python** and the **R Programming** languages. For this reason, **IEM Labs** brings you this training course on **Data Science with Python and R** wherein you shall be taught the basics of **Data Science** along with how to code **Data Science** models using **Python** and **R**.

About the Course

Course Type - Training

Eligibility Criteria: -

- **No basic knowledge is required.**
- **Minimum System Configuration Required: -**
 - Intel i5 processor
 - 8gb Ram
 - 1tb Hard disk

Course Duration - 16 hours i.e. 2 classes every week.

Course Fee: -

- **Online: 3000 INR + 18% GST**
- **Offline: 2500 INR + 18% GST**

Training Location: -

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

Course Content

- Module - 1: Introduction to Data Science
- Module - 2: Introduction to Python programming
- Module - 3: Environmental setup for Python, Anaconda, Jupyter, Spider etc
- Module - 4: Introduction Numeric and Data Analysis Modules of Python
- Module - 5: Handling Data – Data Wrangling
- Module - 6: Visualization library of Python
- Module - 7: Introduction to R programming
- Module - 8: R Packages for Data manipulation
- Module - 9: Generating Plots in R
- Module - 10: Statistical inference
- Module - 11: Introduction Numeric and Data Analysis Modules of Python
- Module - 12: Introduction to Machine learning (using R and Python)
- Module - 13: Classification Technique
- Module - 14: Unsupervised learning
- Module - 15: Dimensionality reduction (PCA)
- 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 a certificate after this course?

Answer - Yes, certificate (hardcopy/softcopy) will be provided after the course.

4. In which language classes will be conducted?

Answer - Classes will be conducted mainly on English, Hindi & Bengali, mainly it will depend on majority criteria.

5. Is this for professionals, students or both?

Answer - This course is both for Professionals and Students.

6. Will there be any exam or project?

Answer - Yes, there will be 1 live project to be done after the course completion.

7. 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.

8. 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