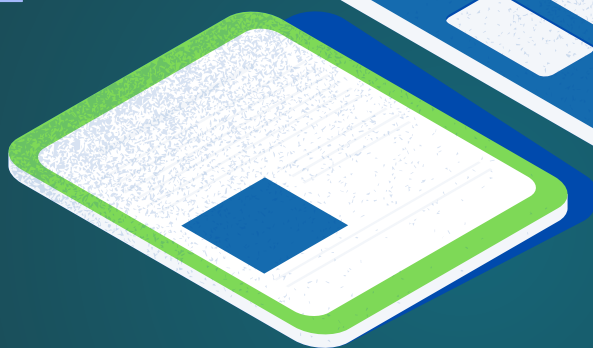
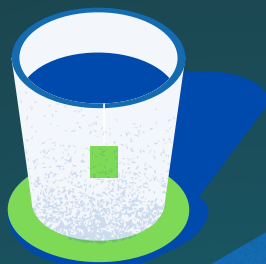




**Olewin**  
Academy



# IIT - JAM

## Mathematical Statistics + INTERNSHIPS



+91 8639449423



<https://olewinacademy.com>



# About the Program

Our IIT-JAM Mathematical Statistics coaching program offers in-depth preparation for students aiming to crack the IIT-JAM Mathematical Statistics exam. The program focuses on probability theory, statistical inference, regression analysis, and multivariate statistical methods, along with AI and machine learning for advanced statistical modeling and data science applications. This program is ideal for students pursuing M.Sc. in Mathematical Statistics, M.Sc.-Ph.D. Dual Degree, and Integrated Ph.D. programs at IITs, IISc, and other leading institutes.

## Program Features

- Comprehensive Syllabus Coverage for Probability Theory, Statistical Inference, Multivariate Statistics, and Experimental Design
- Practice Problems & Case Studies
- Weekly Tests + Mock Exams (aligned to IIT-JAM pattern)
- AI-Driven Statistical Tools for predictive modeling and data analysis
- Live Doubt-Clearing Sessions
- 1-on-1 Mentorship & Exam Strategy Sessions
- Internships on Big data engineer , Data Scientist and more...

## Ideal Candidates

- B.Sc. Mathematics, Statistics, Engineering, or Computer Science students (Final year & Pre-final year)
- Students aspiring for M.Sc. in Mathematical Statistics at IITs, IISc, or other leading institutes
- Students with an interest in data science, statistical modeling, and research analytics

Visit :-

Contact us :-



# OPEN INTERNSHIPS (3 & 6 MONTHS)

## Are you ready ..... !

Engaged in cutting-edge, interdisciplinary internship projects that applied mathematical statistics and AI algorithms to model uncertainty, analyze large-scale datasets, and simulate probabilistic systems. Worked on quantum statistical models, risk analysis in finance, and high-dimensional data inference to address complex real-world problems in AI, quantum computing, and data science.

### • 2 -Certifications based on Real-world Projects

1. Certification of internship
2. Certification of Course completion



**Official Internship**  
**Endorsment letter based on**  
**Real world Projects**

**Limited intake Only**

**For More information:**



**+91 8639449423**

<https://olewinacademy.com/>



# Internships

## Topics

1. AI for Predictive Modeling in Time Series Analysis
2. Multivariate Data Analysis Using Machine Learning
3. Bayesian Inference in Statistical Modeling Using AI
4. Machine Learning for Experimental Design Optimization
5. AI-Based Anomaly Detection in Big Data & Data Science



## Objective:

- Use AI techniques to develop predictive models for time series data, including stock market prices and economic forecasts.
- Apply AI-based clustering, classification, and dimensionality reduction techniques to multivariate datasets for analysis and prediction.
- Develop AI models for Bayesian inference and apply them to complex statistical problems, including data fitting and decision-making.
- Optimize experimental designs and sampling techniques using AI algorithms for maximizing the precision and efficiency of statistical experiments.


## Skills:

- Machine Learning, Time Series Analysis, Data Science, Python
- .Multivariate Analysis, Python/R, Data Science.
- Bayesian Statistics, Statistical Analysis.

## Visit :-

 <https://olewinacademy.com/>

## Contact us :-

 **+91 8639449423**



# COMPANY PROFILE



**Olewin**  
Academy

**AN IIT ALUMNUS PLATFORM**

**Empowering learners globally with quality education  
and training content for new approach to learning  
paradigms**

**Download App**



**Visit Website :-**



**Contact us**

**Connect Us**



**+91 8639449423**

**@olewin\_academy**

**OlewinAcademy**



**[www.olewinacademy.com](http://www.olewinacademy.com)**



**<https://www.linkedin.com/company/olewin-academy/>**



**OlewinAcademy**

**Thank you for choosing our Platform**

