2024

PLACEMENT BROCHURE

cmi | CHENNAI MATHEMATICAL INSTITUTE

Master of Science in
**Data Science,
Computer Science**

| Class of 2023-'25

ABOUT US

Chennai Mathematical Institute is one of India's leading institution with research specializations in the areas of Mathematical Sciences. CMI boasts a unique teaching philosophy that combines both rigor and freedom and has seen this institution carve a niche for itself in the areas of Mathematics, Physics, Theoretical Computer Science, and Data Science.

Past graduates from CMI have gone on to join leading institutions in the world in both academia and industry. In recent years CMI has gone on to start a Post graduate program in Data Science which blends both rigorous theories with industry experience to create a comprehensive program that aims to train students to tackle problems in various market and industrial domains.

WHY RECRUIT US

Our goal is to nurture future technology leaders who will drive business forward

Diverse and collaborative culture   **In-depth theoretical and applied coursework**

CMI started its Masters program in *Data Science* in 2018. This program involves in-depth theoretical coursework while also equally emphasizing practical and hands-on experience. The coursework involves,

- Comprehensive topics in *Mathematics* to build a strong foundation for Machine Learning, Reinforcement Learning, and other courses.

- *Statistics* courses to provide students with the tools necessary to solve problems.

- *Computer Science* courses to create a strong programming base.

The course design includes a **mandatory summer internship** for all students after the first year which helps the students in gaining practical hands-on experience.

COURSE DESIGN

Mathematics

- Analysis
- Linear Algebra
- Graph Theory*
- Optimization techniques*

Statistics

- Probability Theory
- Statistical Modelling
- Estimation & Hypothesis Testing
- Bayesian Data Analysis*
- Time Series Analysis*
- Predictive Analysis*

CS & ML

- Data Visualization
- Data Structure & Algo.
- Machine Learning & Deep Learning
- Big Data & Distributed Computing*
- Natural Language Processing*
- Computer Vision*
- Reinforcement Learning*
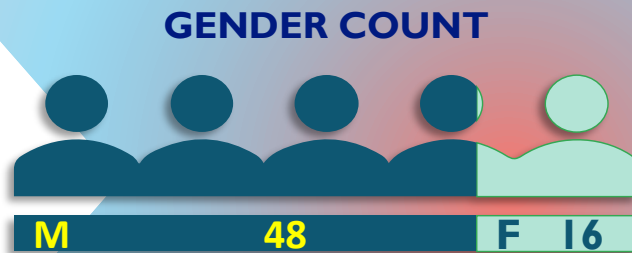
Phase 1: Initial Contact	Phase 2: Tests	Phase 3: Interviews
(July-August '24)	(September '24)	(October '24)

Data Tools

BATCH PROFILE

BATCH SIZE
64

EDUCATIONAL BACKGROUND

Engineering 12%

Science (Math, Stat, CS) 84%

B. Sc., 93%

M.Sc., 7%

GENDER COUNT
M 48 | F 16

WORK EXPERIENCE
59 | 5
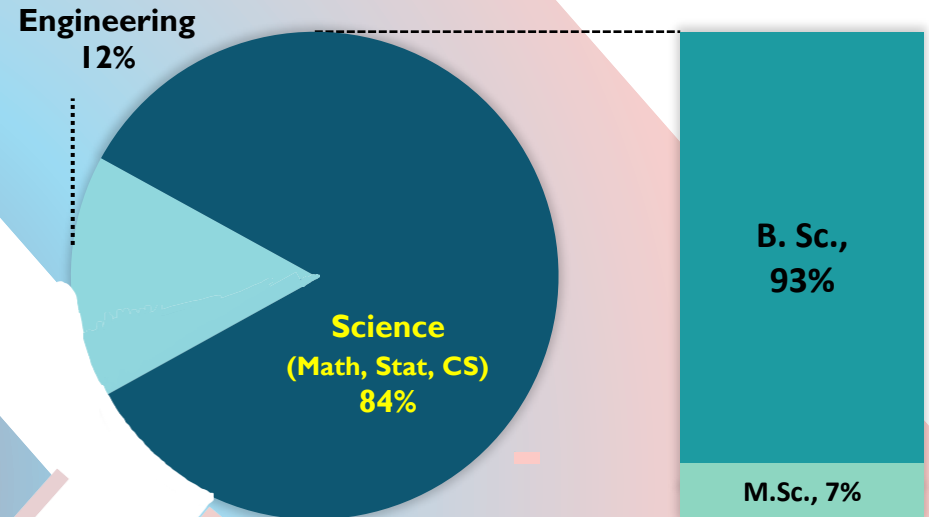
STUDENTS WITH UNDERGRADUATE DEGREE FROM THE FOLLOWING INSTITUTIONS

CMI | ISI | Christ University

IISER | IIIT | St. Xavier's College

DU | BHU | Jadavpur University

IIPS | Presidency University

RECRUITMENT PROFILE

Recruiters 🏛️

Accenture	JP Morgan Chase	Barclays	Lyric
American Express	Kantar Analytics	Michelin	Standard Chartered
Bank of America	LTIMindtree	Micron	Wells Fargo
IDFC First bank	PayPal	Netradyne	*And many more*

CTC Statistics 🤝

Year	Mean (lacs)	Median (lacs)
2023-'24	18.3	18.5
2022 - '23	22.8	20.7
2021 - '22	17.6	16.0
2020 - '21	13.0	13.5
2019 - '20	14.0	13.4

Roles Offered 🎓

- Data Science — 31%
- Analytics Associate — 31%
- Analyst — 16%
- ML Engineer — 12%
- Risk Analyst — 6%
- Data Engineer — 4%

Company Profiles

- Financial Services
- Tech Consultancy
- Health Insurance
- FinTech
- Credit Card Sevices
- Investment Banking
- Analytics
- Logistics
- AI Fleet Safety
- Manufacturing
- Banking
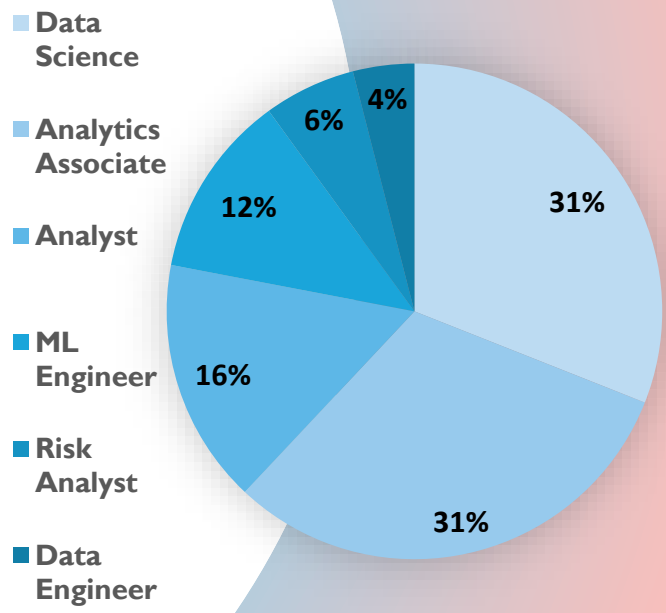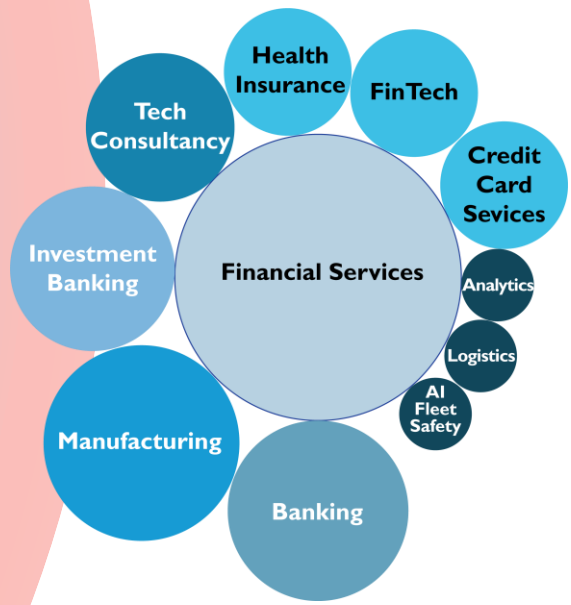
Placement Office

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