# Deepmalya Dutta

DATA SCIENCE STUDENT

## Contact

(+91) 9851857973
deepmalya@cmi.ac.in
LinkedIn
GitHub
Website
Chennai, Tamil Nadu

## Skills

**Tools:** Python, R, SQL, C, Command Line, Adobe Photoshop CC
**Exposure to:** Numpy, Seaborn, Ggplot2, Pandas, Matplotlib, Stats, etc.

## Online Courses

Kaggle Courses:
Python, Pandas, Data Visualisation, Introduction to SQL

## Extras

Treasure Hunt
Winner of various treasure hunts across several fests
2019 - 2022

Student Volunteer
National Service Scheme
2019 - 2022

## Hobbies

Reading Novels
Discussing Philosophy
Drinking Coffee
Table Tennis

## Profile

Keenly interested in Statistical Analysis, Problem Solving, Machine Learning and their applications in real-world scenarios. A fast learner with a healthy background in mathematics and statistics who is eager to work on projects for companies and gain real-world experience.

## Education

**Chennai Mathematical Institute** — **Master of Science**
Data Science, 2022 - Present — CGPA: N/A
Key Courses - Data Structures, Visualization, RDBMS, Python, Probability and Stats.

**St. Xavier's College, Kolkata** — **Bachelor of Science**
Mathematics, 2019 - 2022 — CGPA: 8.2/10.00
Key Courses - Analysis, Linear Algebra, Probability, Statistics, Topology, Calculus

## Projects

**Credit Card Customers**
Chennai Mathematical Institute | October 2022 - Ongoing | Link
In this project, we explore the trend and usage of credit card users among different demographics. We use visualization techniques in R to find patterns in the credit card usage dataset. Following this, we attempt to find relations between Credit Card Usage, Utilization, Revolving Balance, and other variables. Finally, we develop an R-shiny dashboard to address the above-posed questions.

**Financial Literacy of 18 to 35-year-olds**
August 2022 - Ongoing | Link
In this project, we are discussing the financial literacy of 18 to 35-year-olds across India. Our goal is to analyze the data collected through a survey with different statistical tools and measure their financial literacy.

**Deterministic Epidemic Modelling - HIV/AIDS**
St. Xavier's College, Kolkata | Sep 2021 - Dec 2021 | Link
In this paper, we have discussed SIS, SIR, SEIR, and SIRS model and analyzed the critical mechanics behind each model and how they correlate with real-world epidemics. Finally, we made estimates of potential outbreak casualties for new initial conditions and modern outbreak controls.

## *Positions of Responsibility*

- **Placement Coordinator**, Chennai Mathematical Institute, ‘24
- **Organizing Committee**, Analytica ‘21
  St. Xavier’s College, Kolkata, Graphics Designing
- **PR Team**, Analytica ‘19, St. Xavier’s College, Kolkata
  PR Representative