



ROUDRANIL DAS

📍 Kolkata, West Bengal, India 🌐 [Personal website](#)

✉ roudranil@cmi.ac.in

🌐 [roudranil-das](#)

🔗 [Roudranil](#)

☎ +91-9874137286

EDUCATION

Master of Science, Data Science

Chennai Mathematical Institute | 2022 - 2024 (ongoing) | Tamil Nadu, India

Bachelor of Science (Honors), Mathematics

St. Xavier's College, Kolkata | 2019 - 2022 | West Bengal, India

CGPA: 8.46

PROJECTS

Bayesian Analysis of Efficacy of the ChAdOx1 nCoV-19 (AZD1222) Vaccine

Tools used: [Python](#), [PyMC3](#), [Matplotlib](#) | Mar 2022 - May 2022 | [Link](#) | St. Xavier's College, Kolkata

- This is my UG dissertation.
- Bayesian inference was used to compute the vaccine efficacy of the ChAdOx1 nCoV-19 (AZD1222) vaccine. Data was taken from randomized controlled clinical trials across 4 countries.
- MCMC sampling was done by PyMC3 and visualisation by Matplotlib.

Financial Literacy of 18-35 Year Olds

Tools used: [Python](#), [NumPy](#), [Pandas](#), [Statsmodels](#), [Matplotlib](#) | Aug 2022 - ongoing | [Link](#)

- This is an ongoing project.
- Our goal is to measure the financial Literacy of individuals in this age bracket using responses of a survey that we have conducted.