

Subhadeep Banerjee Choudhury

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EDUCATION

Degree/Certificate	Year	Institute	CGPA/%
MSc Financial Economics	2023	Gokhale Institute of Politics and Economics, Pune	8.75/10
BSc (H) Economics	2020	Asutosh College, University of Calcutta	83.50%
ISC	2017	The Modern Academy, Kolkata	92.25%

PROFESSIONAL EXPERIENCE

ASSISTANT MANAGER, EXL

Oct' 23- Present

- Built, deployed and tracked Machine Learning models using flask and MLFlow
- Hands on Experience with Python, SQL, AWS Textract.

ACADEMIC ACHIEVEMENTS

- Awarded the Sayantan Ghosal Memorial Prize for securing the **1st Rank** at Asutosh College, Department of Economics (2020) in a class of **50+** students and stood among the top 10 highest scoring students in Economics across all colleges under University of Calcutta (2020)
- Secured the **3rd** Rank in the MSc Financial Economics batch at Gokhale Institute of Politics and Economics (2023)

ACADEMIC PROJECTS

Determinants of Credit Crisis in India

- This paper empirically studies the credit slowdown in India over the last decade by analyzing the relationship between credit and its macroeconomic and bank specific determinants using **multivariate regression**
- The result suggests that a supply crunch due to rising **Non-Performing Assets** of banks served as the main driving force behind the credit deceleration

Small Business Association (SBA) Loan Default Prediction

- Deployed classification algorithms to help predict whether a loan taken by an organization will default or not.
- Used Logistic Regression, Decision Tree and Random Forest Classifier and applied Hyperparameter Tuning to improve the predictions.

Optimum Medical Insurance Cost Prediction

- Built Supervised ML models to estimate the optimum medical insurance cost of customers using health and habit related parameters
- Ran appropriate diagnostic checks and encountered heteroskedasticity. Used Feasible Generalized Least Square (FGLS) transformation to remedy the problem of heteroskedasticity

Visa Status Prediction- EasyVisa

- Implemented Classification algorithms such as Decision Tree, Random Forest, Bagging and Boosting Classifiers to analyze and predict the visa approval status from a dataset of the OFLC, USA.

OTHERS SKILLS

- Software Utilities:** Python, SQL, MS Excel, Basic R, Basic PowerBI
- Languages:** English, Hindi, Bengali
- Online Certifications:** Data Analysis Using Python (IBM), Python for Data Science and Machine Learning Bootcamp (Udemy), Complete SQL Bootcamp (Udemy), Essentials of Generative AI (Microsoft)

EXTRA CURRICULAR ACTIVITIES

Worked in the production of multiple short films that won the following positions:

- Secured **1st** position at the Young Economist Students Meet in 2017 and 2018 organized by Jadavpur University
- Secured **1st** position at the 'Take 3' film festival organized by Asutosh College, University of Calcutta
- Secured **2nd** position at the Ispat Film Competition at Presidency University, Kolkata