

Ornab Biswass

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👤 GitHub Profile
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🌐 Portfolio Website

CAREER OBJECTIVE

A graduate of computer science with a strong background in data analysis, machine learning, and Python. enthusiastic about using data science and artificial intelligence to address pressing issues in sustainability, healthcare, finance, and agriculture. eager to learn new skills and broaden knowledge of contemporary AI tools and methodologies while contributing to creative projects.

EDUCATION

- **Southeast University** 2024
B.Sc in Computer Science and Engineering CGPA: 3.05
- **Scholastica Model College** 2019
Higher Secondary School Certificate, Dhaka GPA: 3.93

TECHNICAL SKILLS AND INTERESTS

Programming: Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL, PostgreSQL, MongoDB, Java.
Machine Learning: Classification, Regression, Forecasting, Model Evaluation, Data Preprocessing, Visualisation.
Tools: Git, GitHub, Jupyter Notebook, Google Colab, VS Code, Postman.
Soft Skills: Analytical thinking, Problem-solving, Communication, Teamwork, Adaptability.
Fields of Interest: Data Science, Machine Learning, Artificial Intelligence, Large Language Models (LLMs), Geospatial Analysis.

EXPERIENCE

- **Southeast University** Jan 2023 – June 2024
Research Assistant (Under Mr. Md. Mijanur Rahman, Assistant Professor) Dhaka, Bangladesh
 - Working on machine learning-based solutions for real-world datasets in healthcare and prediction tasks.
 - Conducting experiments, data preprocessing, model training, and evaluation.
 - Assisting in preparing research papers and technical reports.
- **Southeast University** Jun 2024 – Nov 2024
IT Intern, Department of IT Dhaka, Bangladesh
 - Supported web application development with Java, Spring Boot, and Angular.
 - Collaborated on REST APIs and managed MySQL/MongoDB databases.
- **Kormo Jobs by Google** May 2020 – Jun 2022
Campus Ambassador Dhaka, Bangladesh
 - Promoted the platform among students and job seekers.
 - Organised workshops and career events.

PROJECTS

- **Breast Cancer Classification using Machine Learning Algorithms** 2025
Research project on the Wisconsin Diagnostic Breast Cancer (WDBC) dataset to classify tumours as malignant or benign.
 - Implemented five ML classifiers: Logistic Regression, Decision Trees, Random Forest, K-Nearest Neighbours, and Naïve Bayes.
 - Achieved the highest accuracy of 98% using K-Nearest Neighbors (KNN).
 - Tools & technologies used: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.
- **Dhaka Home Price Prediction** 2025
Built a regression model to predict house prices in Dhaka based on various features.
 - Performed exploratory data analysis (EDA) and preprocessing on housing datasets.
 - Trained and evaluated regression models to estimate housing prices.
 - Tools & technologies used: Python, Pandas, NumPy, Scikit-learn, Matplotlib.
- **Student Score Predictor** 2025
Developed a machine learning model to predict student scores based on study hours.
 - Implemented a simple linear regression model to map study hours with student scores.
 - Visualised regression line and performance metrics for evaluation.
 - Tools & technologies used: Python, Pandas, NumPy, Scikit-learn, Matplotlib.

REFERENCE

Mr. Md. Mijanur Rahman

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