

Md. Rakib Sheikh

📍 Tangail, Bangladesh

✉ rakibrakib0179@gmail.com

📞 +8801792299007

🔗 Portfolio

👤 LinkedIn

Education

Mawlana Bhashani Science and Technology University

August 2023 – August

MS in Statistics

2025

- **CGPA:** 3.65 out of 4

- **Coursework:** Data Mining, Machine Learning, Advanced Econometrics, Advanced Multivariate Analysis

Mawlana Bhashani Science and Technology University

February 2018 – February

BSc in Statistics

2023

- CGPA: 3.37 out of 4

- **Coursework:** Probability, Economics, Statistical Analysis, R, SPSS, STATA, Time Series

Experience

Research Student

MBSTU, Tangail

Statistics, Mawlana Bhashani Science and Technology University

Sep 2024 – Aug 2025

- Conducted research on "Forecasting Dhaka Stock Exchange Trends with LSTM Integrating BERT Sentence", applying FinBERT and LSTM Deep Learning techniques to predict the Dhaka Stock Exchange price in Bangladesh.

Projects

Stroke Prediction Using ML

[Model Link ↗](#)

- Developed and evaluated multiple machine learning models for stroke prediction, demonstrating proficiency in a range of classification algorithms.
- Implemented techniques to address class imbalance using SMOTE oversampling to improve model performance on the minority class, showcasing understanding of imbalanced datasets and mitigation strategies.
- Preprocessed and transformed raw data, including handling outliers and encoding categorical features, highlighting data cleaning and feature engineering skills.

Next Word Predictor

[Kaggle Link ↗](#)

- Developed a deep learning-based next-word prediction model trained on 50,000 words, improving text generation accuracy
- Implemented LSTM (Long Short-Term Memory) networks using TensorFlow to enhance language modeling efficiency

SQL Project

[GitHub Link ↗](#)

- Analyzed a large-scale COVID-19 dataset(500,000+ records) to extract insights on global mortality rates, affected regions, vaccination trends, and recovery percentages using complex SQL queries.
- Executed SQL queries in Microsoft SQL Server Management Studio to process and visualize key statistics

Certificates

Data Analysis with R – Cognitive Solution Bangladesh (Jan 2024 - Mar 2024)

[Validation ↗](#)

Learned data wrangling, statistical modeling, and visualization using R, ggplot2, and dplyr.

Complete Web Development (MERN Stack) – Programming Hero (May 2022 - Dec 2022)

Developed full-stack applications using MongoDB, Express.js, React.js, and Node.js. Gained experience in REST API development, authentication, and database management.

Skills

Programming Language: Python, R, SQL, JavaScript

ML Technology: TensorFlow, PyTorch, Scikit-Learn, RAG, LangChain, Transformers, FastAPI, AI Agents

Data Visualization: Power BI, Matplotlib, Seaborn

Tools: Docker, MySQL Workbench, SPSS, Jupyter Notebook, RStudio, STATA, VSCode, and Colab

Soft Skill: Communication, Leadership, Time Management

Languages and Interests

Language: Bangla (native), English (Professional Proficiency), Hindi (Fluent)

Interests: AI, New Technology, Sports, Travel