

Md. Atickur Rahman

Software Engineer



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📍 [Bonbelghoria, Natore-6400,](#)

🐙 [Github](#)

[kaggle](#) [Kaggle](#)

[Natore Sadar, Natore](#)

Profile

- I am a passionate Data Scientist and Machine Learning Engineer with a strong aptitude for learning new technologies quickly.
- With a solid foundation in data analysis, machine learning, and software engineering, I excel at developing innovative solutions to complex problems.
- My technical expertise enables me to communicate effectively with a wide range of clients, understanding their needs and translating them into actionable insights.
- I am committed to using my skills to drive positive outcomes for individuals and organizations, always striving for excellence and professional growth. I seek a challenging position where I can leverage my analytical abilities and technical prowess to achieve significant impact and success.

Skills

- **Programming Languages:** Python
- **Data Manipulation & Analysis:** Pandas, NumPy
- **Machine Learning & Deep Learning:** Scikit-learn, TensorFlow, PyTorch, XGBoost
- **Algorithms:** Machine Learning algorithms
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Statistical Analysis:** Classification analysis, Regression analysis, NLP
- **Database Management:** MySQL
- **Data Preprocessing:** Handling missing values, Feature engineering, Scaling
- **Version Control:** Git, GitHub

Education

Bachelor of Science in Computer Science & Engineering (B.S.C)-

- **University:** Green University of Bangladesh, Dhaka
- **CGPA:** 3.83 (on a scale of 4.00)
- **Passing Year:** 2022

Diploma in Computer Science & Engineering-

- **Institute:** Rajshahi Polytechnic Institute, Rajshahi
- **CGPA:** 3.41 (on a scale of 4.00)
- **Passing Year:** 2017

Secondary School Certificate (S.S.C)-

- **School:** Natore Sugar Mills High School, Natore
- **GPA:** 5.00 (on a scale of 5.00), Group- Science
- **Passing Year:** 2013

Projects

An Image-based Digital Forensic Investigation Framework for Crime Analysis-

- **Technology Used:** Image Processing, Quality Enhancement, Suspicious Object Detection.
- **Role:** Honorable Team Member
- **Brief:** Here, we work on crime scene images, detect suspicious objects efficiently, and generate a final report. Moreover, we use object detection algorithms (e.g., Faster R-CNN, R-CNN, and SSD), image enhancement techniques, and sharpening filters for low-quality images.
- <https://www.ieee.org>

Predicts individual's credit scores based on their financial and credit-related information-

- **Technology Used:** Jupyter Notebook.
- **Brief:** Here, I try to develop a machine learning model that predicts individual's credit scores based on their financial and credit related information. First, I apply Data Exploration and Preprocessing technique then, I use suitable machine learning classification models for predicting credit scores. I compare all models result to get best performing model.
- <https://www.kaggle.com>

Concrete Strength Prediction-

- **Technology Used:** Jupyter Notebook.
- **Brief:** Here, I try to develop a machine learning model that predicts Concrete Strength based on strength related information. First, I apply Data Exploration and Preprocessing technique then, I use suitable machine learning regression models for predicting Concrete Strength. I compare all models result to get best performing model.
- <https://www.kaggle.com>

Personal Information

Father's Name: Md. Altaf Hossain
Mother's Name: Mst. Asufa Begum
Date of Birth: 21th October, 1998

Permanent Address: Bonbelghoria,
Natore-6400, Natore Sadar, Natore
Religion: Islam
Marital Status: Unmarried

Reference

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