Mohammad Sanaullah Rabby

Nationality: Bangladeshi   **Date of birth:** 11/12/1998   **Gender:** Male

📞 **Phone number:** (+880) 1676695828   ✉ **Email address:** msanaullahali07@gmail.com

in **LinkedIn:** https://www.linkedin.com/in/mohammad-sanaullah-1377a21ab/

👤 **Github:** https://github.com/Ali-awesome

📍 **Work:** 154, DT Road, West Madarbari, Agrabad, Chattogram Alam Villa, 4100 Chattogram (Bangladesh)

📍 **Home:** Damdama, Laskarhat Gol Box Bhuiyan Bari, 3903 Feni (Bangladesh)

ABOUT ME

I'm a highly motivated Junior Data Scientist with a strong academic background and practical experience in data analysis, statistics, andmachine learning. I excel at extracting valuable insights from complex datasets and creating user-friendly visualizations. I'm dedicated tocollaborating with teams, leveraging data-driven insights to enhance business strategies, and achieving tangible results.

DIGITAL SKILLS

Microsoft Office
Microsoft Powerpoint / Microsoft word / Microsoft Excel

Programming Language
Python / R / Programming in Fortran Matlab / C++ / Web Programming: HTML, CSS, Javascript (front-end); Nodejs (back-end) / ReactJS

Adobe Package
Adobe Photoshop / Adobe Illiustrator

Database
SQL / MongoDB / MySQL

Version Control
Versioning tools (Git, Github)

Statistical Tool
MATLAB / SPSS

Visualization
Matplotlib / Seaborn

Analysis
Numpy / Pandas

PROJECTS

Data Analysis and Machine Learning on Wine Quality Prediction
[30/12/2022 – 28/02/2023]

This project is on wine quality prediction using classifiers. In this project Exploratory Data Analysis and Outliers washandled using libraries like pandas, numpy and matplotlib. Then I have used several classifiers like Logistic regression,Decision Tree, Random Forest etc. Finally, evaluated the models using ROC curve and used the best model to fit the dataand prediction.

Link: https://drive.google.com/file/d/1O_SgPFpTpWCUVytOnyOH3lT43LDFpJQF/ view?usp=share_link

Data Analysis on Boston Price
[11/04/2023 – 29/05/2023]

In this project, in the expratory part I have checked for outliers, correlation, hence visualized the correlation of featuresusing heatmap. In terms of libraries I have used numpy, pandas dand matplotlib. Finally, I have splited dataset for trainingand testing. Finally fitted and evaluated the data with Linear regression, Support vector Machine and Random forest

classifiers. Hence evaluated them on the basis of R Square Value.

Link: https://github.com/Ali-awesome/Boston_House_price

Machine Learning using feature engineering on Car Price

[05/06/2023 – 09/07/2023]

In this project, using libraries like pandas, numpy, seaborn and matplotlib I have done some Exploratory Data Analysis toget my data prepared. Then a validation framework

and linear regression model was built to work on. Next, by featureengineering and regularization I trained the model. Finally used the model and compared the result with actual value.

Link: https://github.com/Ali-awesome/Car_Price_prediction

EDUCATION AND TRAINING

Masters in Applied Statistics and Data Science
Jahangirnagar University [30/12/2022 – Current]

Address: Savar, 1342 Dhaka (Bangladesh)
Website: https://juniv.edu/
Field(s) of study: Data Science

Bachelor of Science in Applied Mathematics
Noakhali Science and Technology University [19/01/2017 – 05/04/2022]

Address: Sonapur, 3814 Noakhali (Bangladesh)
Website: https://nstu.edu.bd/
Field(s) of study: Applied Mathematics
Final grade: 3.28
Thesis: A Comprehensive Study on Widely Used Cryptographic Technique : RSA Algorithm
Link: https://drive.google.com/file/d/171WmYpvUnrjV-WPE1pOMvFFm5QeZRXZr/view?usp=sharing

LANGUAGE SKILLS

Mother tongue(s): **Bengali**

Other language(s):

English

LISTENING C2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

MANAGEMENT AND LEADERSHIP SKILLS

Founding Secretary of NSTU Math Club

Under my managerial era our team had organized five programs like "Math Olympiad", "Pi Day Celebration".

Campus Ambassador for YEF Global

Acted as the university's first point of contact with potential students, promoting and representing the institution. Positively impacted candidates' enrollment decisions through the offering's expertise.

HOBBIES AND INTERESTS

Data Analytics | Reading | Coding