MD MAHAMUD MREDHA

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PROFESSIONAL SUMMARY

Enthusiastic CSE graduate with hands-on experience in Python, data analysis, and machine learning. Skilled in extracting insights through data cleaning, visualization, and statistical modeling. Passionate about solving real-world problems where data drives innovation and smarter decisions.

TECHNICAL SKILLS

Languages: Python, SQL, C, C++, Java

Libraries: NumPy, Pandas, Matplotlib, Seaborn, Plotly, Scikit-learn, SciPy, TensorFlow, Keras, PyTorch

Tools: Excel, Power BI, Tableau, Jupyter, Flask, GitHub, Colab, Kaggle, VS Code

Databases: MySQL, PostgreSQL

Data Warehouse: BigQuery, Snowflake

Concepts: Data Cleaning, EDA, Time Series Analysis, Machine Learning, MLOps, Statistics, Feature Engineering, Data Visualization, RFM Segmentation, Business Logic, Problem Solving

Content Creation: Developed technical content on **YouTube**, including data science, Machine Learning, Statistics, SQL, Excel, Power BI, Python Libraries, and coding tutorials

EXPERIENCE

- **Company**: SEBPO - **Position**: Analyst   [Jun 2024 – Jan 2025]
- **YouTube Channel** - Content Creator + Instructor (Data Science, Machine Learning, SQL, Excel, Power BI, Python Libraries, Various Programming Concepts)   **- Self-Initiated | Jan 2023 – Present** - Built hands-on projects to simplify complex data science and Machine Learning topics
- **DIU Computer and Programming Club -** Vice President and Student Advisor - **Jan 2022 - Jan 2023**

PROJECTS

- RFM Segmentation with MySQL.
- Cardiovascular Disease Analysis and Prediction
- Cricket Match Insights using Data Analysis and Visualization
- Interactive Power BI Dashboard
- **Please Click to See All Projects in One GitHub Repository**

ACHIEVEMENTS

- **Contest Rating: Codeforces: 900+ Codechef: 1400+ (2 Star). Hacker Rank: (MySQL: 3-Star)**
- Top 38 among 250+ teams & Invited to Final Round **– Code Samurai 2022 Hackathon**
- **Certifications**
  - Interactive Cares - Data science and Machine Learning
  - SQL (Intermediate) Certificate | HackerRank

EDUCATION

Daffodil International University
Bachelor of Science in Computer Science and Engineering (BSc. in CSE)
- CGPA: 3.49 (Out of 4)   • Date: January-2020 - June-2024   • Location: Birulia, Savar, Dhaka