

ALIMUN AL MIKIDAD

House28, Road07, Sector13, Uttara, Dhaka-1230.

Portfolio Website

☎ +088 1959599071 ✉ mikdaddx@gmail.com [in LinkedIn](#) [GitHub](#) [f Facebook](#) [@ Instagram](#)

Professional Summary

Results-driven Data Analyst with a Bachelor's in Computer Science and Engineering. Proficient in utilizing advanced analytical tools and programming languages such as Python and SQL to derive data-driven insights. Eager to leverage machine learning expertise and problem-solving skills to contribute effectively to strategic decision-making in a dynamic work environment. Adept at developing solutions for complex datasets and translating findings into actionable recommendations.

EDUCATION

Milestone College **2016 – 2018**
SSC - CGPA - 5.00 *Dhaka, Bangladesh*

Rajuk Uttara Model College **2018 – 2020**
HSC - CGPA - 5.00 *Dhaka, Bangladesh*

Brac University **2021 – 2025**
CSE- CGPA - 3.15 *Dhaka, Bangladesh*

COURSEWORK / SKILLS

- | | | | |
|-------------------------------------|---------------------------|--------------------------------|----------------------------------|
| • Data Structures & Algorithms | • Machine Learning | • Excel | • CSV |
| • Operating Systems | • Artificial Intelligence | • Leadership and Communication | • Neural Network |
| • Network Security | • OOPS Concept | • Mathematica | • Computer Vision |
| • Database Management System (DBMS) | • Web Development | • Proteus 8 | • Compiler Design (Lex and Yacc) |
| | • Computer Interfacing | • LTspice | • OpenGL |
| | • Robotics | | |

PROJECTS

Stock Market Prediction using LSTM [↗](#) |

- Technology Stack Used : (Pandas, Numpy, Matplotlib, Scikit-learn, Tensorflow, Pydot graphviz).

Retails Sales Analysis [↗](#) |

- Technology Stack Used : (SQL (PostgreSQL dialect), Excel/CSV (for external data load if needed), PostgreSQL-compatible database platform).

Credit-Risk-Analysis [↗](#) |

- Technology Stack Used : (Python, Jupyter Notebook, Pandas, NumPy, Scikit-learn: Machine learning algorithms, Matplotlib/Seaborn, Imbalanced-learn).

Monday-Coffee-business-Data-Analysis-Project [↗](#) |

- Technology Stack Used : (Python, SQL, Pandas, Numpy, Matplotlib, Scikit-learn, Plotly, MySQL or PostgreSQL, CSV/Excel Files, Tableau/Power BI, Git & GitHub).

Ecommerce-Sales-Analysis [↗](#) |

- Technology Stack Used : (Excel).

Online movie ticket booking system [↗](#) |

- Technology Stack Used : (HTML/CSS/JavaScript, Bootstrap, React.js/Angular, Node.js + Express.js, MySQL/PostgreSQL, JWT (JSON Web Tokens), Stripe/PayPal API, Git/GitHub).

Money Heist Game [↗](#) |

- Technology Stack Used : (Python, OpenGL).

Air-Ticket-Price-Prediction [↗](#) |

- Technology Stack Used : (Python, SQL, Pandas, Numpy, Matplotlib, Scikit-learn, XGBoost/LightGBM, One-hot Encoding, Feature Engineering, Data Cleaning).

Ecommerce-Sales-Analysis [↗](#) |

- Technology Stack Used : (Microsoft SQL Server, T-SQL, SQL Server Management Studio).

Sign board detection using YOLOv8 [↗](#) |

- Technology Stack Used : (Python, YOLOv8, PyTorch, Ultralytics, OpenCV, Conda/venv).

Autism-Prediction-using-Machine-Learning [↗](#) |

- Technology Stack Used : (Python, Pandas, Numpy, Matplotlib, Scikit-learn, Random Forest, Logistic Regression, Support Vector Machines (SVM), Gradient Boosting (XGBoost/LightGBM), Neural Networks).

Ecommerce-Sales-Analysis [↗](#) |

- Technology Stack Used : (Python, YOLOv11, PyTorch, Ultralytics, OpenCV, Conda/venv).

Ecommerce-Sales-Analysis [↗](#) |

- Technology Stack Used : (Microsoft SQL Server, T-SQL, SQL Server Management Studio).

Heart-disease-prediction [↗](#) |

- Technology Stack Used : (Python, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, K-Nearest Neighbors (KNN)).

TECHNICAL SKILLS

Languages: Python, SQL, PostgreSQL, MySQL, HTML, JavaScript, CSS

Data Analysis Tools: Excel, PowerBI or Tableau, Machine Learning Libraries (NumPy, TensorFlow, Pandas, scikit-learn, Matplotlib)

Database Management: SQL Querying, Data Transformation, Data Visualization

Web Development: Front-end design with HTML, CSS, JavaScript

Machine Learning and AI: Predictive analytics, Computer vision using YOLO

Problem Solving: Analytical mindset with a focus on detail-oriented solutions

EXTRACURRICULAR

Brac University

2024 – 2025

Researcher

Merul badda, Dhaka

- Conducted advanced research and authored technical papers using LaTeX, focusing on the integration of machine learning models with embedded systems. Successfully implemented and deployed ML algorithms on an autonomous agricultural robot (Agrobot) prototype, utilizing Arduino and Raspberry Pi for real-time decision-making, sensor data processing, and task automation in precision agriculture.
- Thesis Paper. [↗](#)

Personal Fitness

Weight Lifting Enthusiast

- Dedicated to strength training for 2+ years. Focus on compound movements (squat, deadlift, bench press) with a personal best of 350lbs deadlift.
- Advocate for disciplined routines, nutrition planning, and mental resilience.

Creative Arts

Visual Artist

- Skilled in charcoal sketching, oil painting, and digital art. Portfolio includes abstract landscapes and portraits.
- Exhibited work at university art fairs; sold 15+ commissioned pieces.

Professional Development

- Completed academic & self-directed projects using HTML, CSS, JavaScript, Python, SQL
- Practical experience building ML models with TensorFlow, Pandas, NumPy, CNN, and YOLO
- Authored research papers in LaTeX on machine learning and robotics integration
- Python authored research papers in LaTeX on machine learning and robotics integration for Data Science - XIE
- Developed and deployed embedded systems projects using Arduino and Raspberry Pi
- Built and tested an autonomous agrobot prototype for smart agriculture
- Hands-on experience with data analysis using Excel, SQL queries (Joins, CTEs, Window Functions)
- Developed and deployed Money Heist game using OpenGL (Open Graphics Library)