

Supriyo Maity

+91-8167524491 | maitysupriyo826@gmail.com | portfolio | github | linkedin.com/in/supriyo/

PROFILE

Aspiring Data Analyst/Data Engineer with strong skills in Python, SQL, and data visualization. Eager to apply data processing and analytical skills to drive insights and optimize workflows.

EDUCATION

Calcutta Institute of Technology (CIT)

Howrah, West Bengal

Master of Computer Applications (MCA)

2024

- Relevant coursework in [Python,SQL]

Maulana Abul Kalam Azad University of Technology

Haringhata, West Bengal

Bachelor of Computer Applications (BCA)

2021-2024

- GPA: 8.25/10
- Relevant coursework in [Database Management Systems,Object-Oriented Programming,computer network]

SKILLS

Technical: Data Visualization, Large Language Models (LLM), Flask, REST API, LangChain, Scikit-Learn

Programming: Python (Pandas, NumPy), SQL, C

Tools: Power BI, Excel, Git, GitHub, Google Colab

PROJECTS

Excel to MySQL ETL Pipeline —[GitHub](#)

- Designed an ETL pipeline to automate data extraction from Excel, transform (validate), and load into MySQL
- Implemented dynamic table creation based on sheet names and validated data before insertion.
- Integrated data validation and deduplication to prevent redundant entries and maintain data integrity.
- **Technologies:** Python, Pandas, MySQL, mysql-connector-python,

Student Marks Prediction —[GitHub](#)

- Developed a predictive machine learning model to estimate student marks based on study time and playtime.
- Implemented Linear Regression using Scikit-Learn to model relationships and generate accurate predictions.
- Evaluated model accuracy using performance metrics such as Mean Squared Error (MSE) and R^2 score.
- **Technologies:** Python, Pandas, NumPy, Scikit-Learn, Matplotlib,

Power Consumption Analysis in India —[GitHub](#)

- Analyzed daily power consumption data across 28 Indian states using Python
- Collected, cleaned, and preprocessed large-scale power consumption data.
- Performed data analysis using Pandas and visualized trends with Matplotlib
- Identified and quantified COVID-19 lockdown impact
- **Technologies:** Python, Pandas, Numpy, Matplotlib

ACHIEVEMENTS

- Completed the IT-Enhancement Program at WebSkitters Academy in April 2024 ([link](#))
- Introduction to Generative AI – Google Cloud Skills Boost([link](#))