

# MD SADAT AMIN

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📍 Windsor, ON N9B 2R4

## PROFESSIONAL SUMMARY

Highly motivated and detailed-oriented candidate passionate about using data to improve business performance and customer experience. Skilled at leveraging data to develop actionable solutions to business challenges and utilizing data mining and data visualization to create meaningful insights. Excellent technical aptitude and knowledge of programming languages, data analytics and data visualization.

## SKILLS

Python Programming

Machine Learning

Deep Learning (Tensorflow)

Data Analysis

Problem Solving

Critical Thinking

Communication Skills

Statistical Modeling

SQL Database

Data Visualization

Git Version Control

Big Data Technologies

Cloud Computing (AWS, Azure)

## EDUCATION

**University of Windsor**

Windsor, ON • Expected in 04/2024

***Master of Engineering:***

Electrical And Computer Engineering

**American Int'l University-  
Bangladesh**

Dhaka, BD • 01/2020

***Bachelor of Science:***

Electrical And Electronics Engineering

## WORK EXPERIENCE

**Ranktrix - Data Analytics Intern**

Dhaka, Bangladesh • 05/2021 - 12/2022

- Enhanced data-driven decision-making by developing and implementing key performance indicators for business processes.
- Improved data quality by performing thorough analysis, identifying discrepancies, and proposing corrective actions.
- Streamlined data processing timeframes by optimizing SQL queries and automating report generation.

## PROJECT

**Kaggle - CO<sub>2</sub> Emission Prediction in Rowanda**

ONLINE • 11/2023 - 12/2023

- Analyzed environmental data, including government databases.
- Engineered features for accurate CO2 estimation, using domain knowledge.
- Implemented and optimized ML models, fine-tuning parameters.
- Validated models using metrics like Mean Absolute Error.
- Created impactful data visualizations for clear communication.
- Overcame data collection challenges, showing adaptability.

## CERTIFICATES

**Data Scientist with Python - DataCamp**

ONLINE • 05/2022

**Google Analytics Professional Certificate**

ONLINE • 10/2021