DEFINATE MUDARIKWA

Canada | 778-586-6568 | definatemudarikwa2001@gmail.com
LinkedIn: linkedin.com/in/definate-mudarikwa-069187261 | GitHub: github.com/DEFINATE2001
Website: definate2001.github.io

PROFESSIONAL SUMMARY

Entry-level Data Scientist with strong academic and hands-on project experience in machine learning, statistical modeling, and data analysis. Currently completing a Post-Baccalaureate Certificate in Data Science, with practical experience in regression, simulation modeling, and model evaluation. Proficient in R and Python, seeking an entry-level data science or analytics role.

TECHNICAL SKILLS

Programming & Tools: R (tidyverse, ggplot2, caret, daewr), Python (NumPy, pandas, matplotlib, scikit-learn, PyTorch), Git, GitHub, Excel
Machine Learning & Statistics: Linear & Multiple Regression, Logistic Regression, Decision Trees, Cross-Validation, Model Evaluation
Core Concepts: EDA, Feature Engineering, Bias–Variance Tradeoff, Overfitting & Underfitting, Neural Networks (MLP basics)

PROJECTS

Basketball Performance Prediction (R)
Built regression models to predict player points (PTS); applied 10-fold cross-validation and evaluated models using RMSE.

Clinic Queue Simulation Model
Developed a discrete-event simulation to analyze patient flow, waiting times, and service utilization.

Machine Learning Model Implementation (Python & PyTorch)
Implemented linear regression using object-oriented PyTorch with custom loss functions and optimizers.

EDUCATION

Post-Baccalaureate Certificate in Data Science
Thompson Rivers University, Kamloops, BC | Sep 2024 – Apr 2026

Bachelor's Degree
Parul University, Vadodara, Gujarat, India | 2020 – 2023