



Load Forecasting for 33kV/11kV Substation

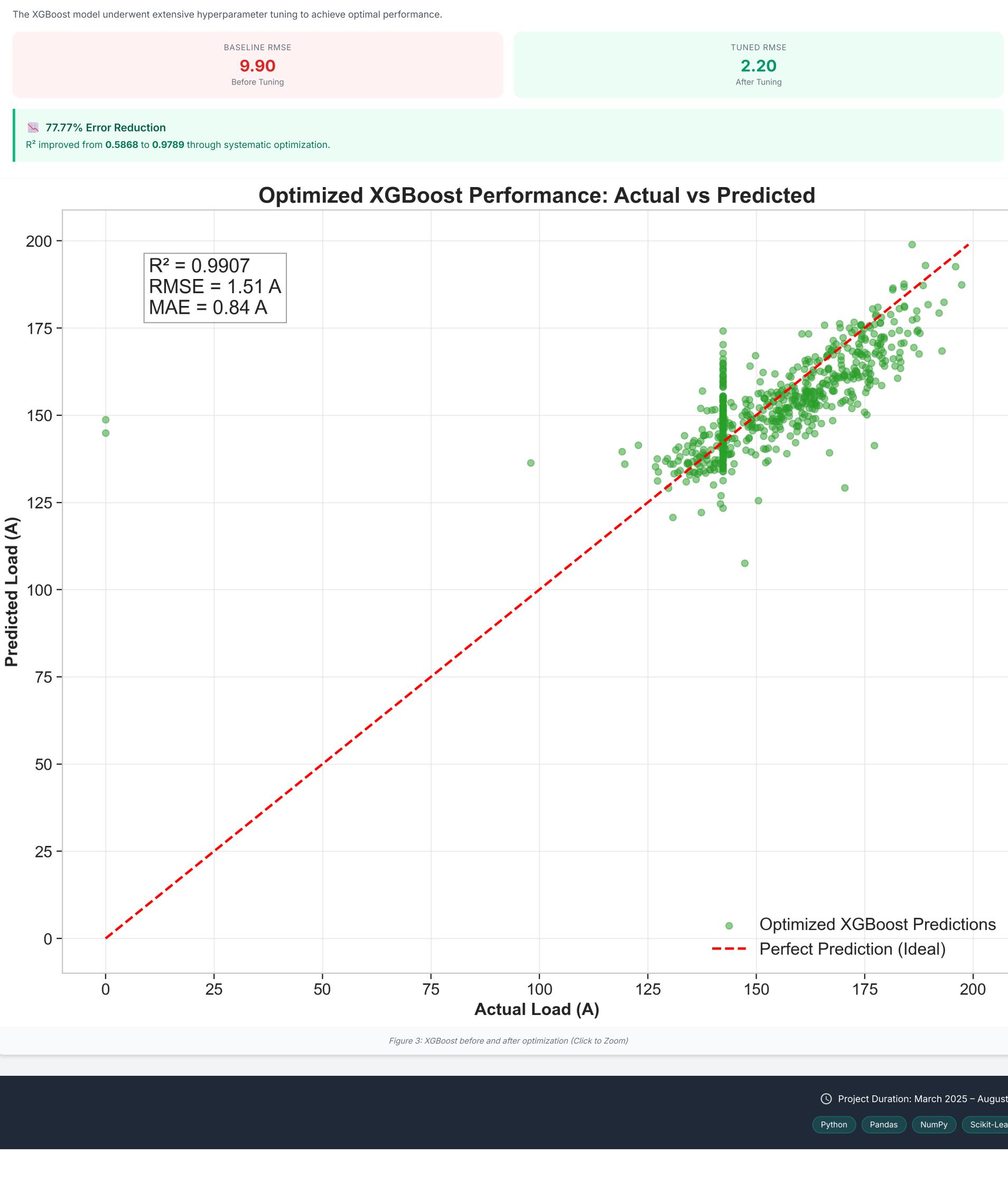
Using XGBoost & Ensemble Learning Methods

Ahmed Khalifa AlSudairy Ahmed Mohammed Alyahya Lina Al-badi Aysha Al Ghithi

Supervisor: Shuk Abdul Saleem

University of Technology and Applied Sciences





Project Duration: March 2025 – August 2025 | Al Humsar 11kV PSS Substation, Oman

Python | Pandas | NumPy | Scikit-Learn | TensorFlow | Keras | XGBoost | Matplotlib