



Thabiso Makhathini

Business development Consultant

Professional
work
experience

Business
Consultancy

1 Years

1. SMME and Contractor development
2. Forest operation production optimization strategy
3. Cost and pricing strategy
4. Forest resource optimization

Data scientist

1 Years

1. Data manipulation & analysis
2. Data visualization
3. Machine Learning

Education

2023-2024

Devairé

Data Science Practitioner
Learnership

2021-2024

University of South Africa

Double Major Bcom
Degree in
Decision Science and
Business management

2016-2018

Nelson Mandela

University

Diploma in Natural
resources management:
Forestry

Forestry manager

4 Years

1. Forestry operations management
2. Opex management
3. Contractor management and Development

Projects Portfolio

2024 – Ongoing

MTO/Forsilvitech

Contractor Development

2023 – Ongoing

Forsilvitech

Business Development

Awards

Student Entrepreneurial Development society

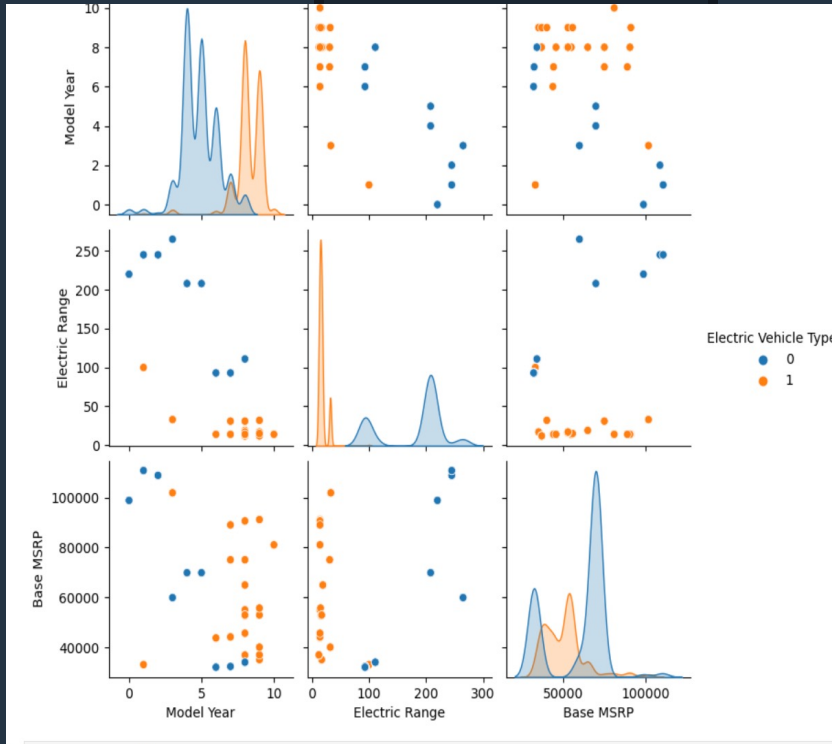
Nelson Mandela University

2018 Society of the year

Numadic Project

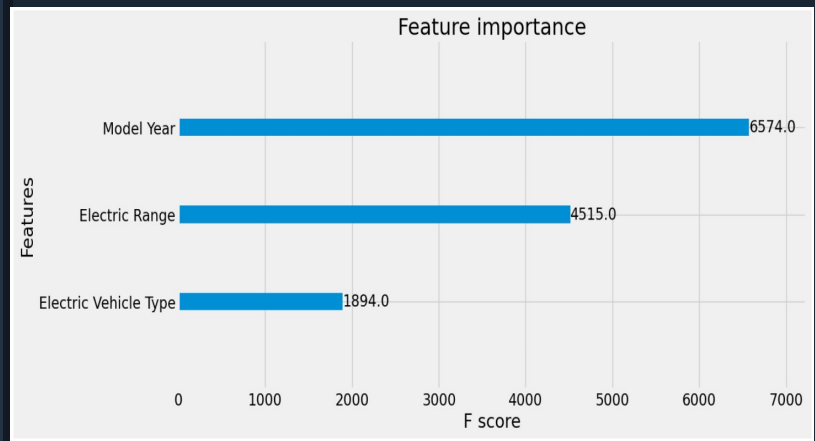
Company Bio

- Numadic simplifies the automation of vehicle identification, location and transactions as we move towards a world of autonomous vehicles
- The company offers a logistics management system to help customers monitor cargo and vehicles and facilitate vehicle financial transactions
- Product Offering: Nu Fuel, Toll, Visibility and Hemica.



Problem statement

The objective of this project is to develop a machine learning model that accurately predicts the manufacturer's suggested retail price (Base MSRP) of vehicles based on their features. By leveraging regression algorithms and utilizing the available dataset, we aim to estimate the price of vehicles in a way that benefits both consumers and manufacturers.



Solution

1st model

- MPE :-3.073
- MSRP : 10311.067
- MAPE : 11.328

Hyperparameter turning

CV Score : 95%

2nd Model

MPE : - 0.874
MSRP : 4481.043
MAPE : 2.1828