



DRIVENET

Your Visionary Path to Hassle-Free & Autonomous Car Trading



What is DriveNet

DriveNet leverages computer vision and machine learning for precise valuations, ensuring you get the best price for your car. Connect with fellow enthusiasts, share your passion, and stay updated on local automotive events. Simplify your car-selling process and enhance your experience with DriveNet.



Vision

- Utilize machine learning and computer vision to automate the selling and purchasing of cars.
- Create an independent system that minimizes reliance on intermediaries to decrease fraud rates
- Increase transparency in the second-hand car market by leveraging advanced technology.



Problem Statement

- Sellers face challenges in setting competitive and fair prices.
- Buyers face difficulties in finding the optimal buying price for used vehicles.
- Finding relevant events and connections within the automotive community is difficult.

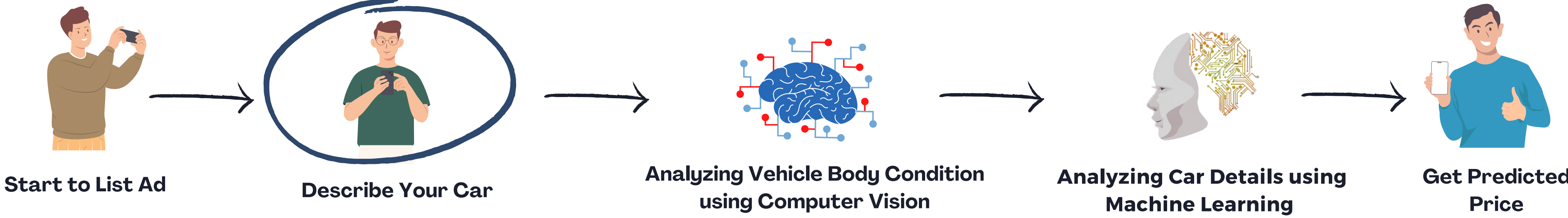


Objectives

- Accurate Price Prediction
- Enthusiast Community
- Visual Body Detection
- Enhanced Theme
- Streamlined Connections
- Chatting Facility
- Reliability Assurance
- Dark Light Mode



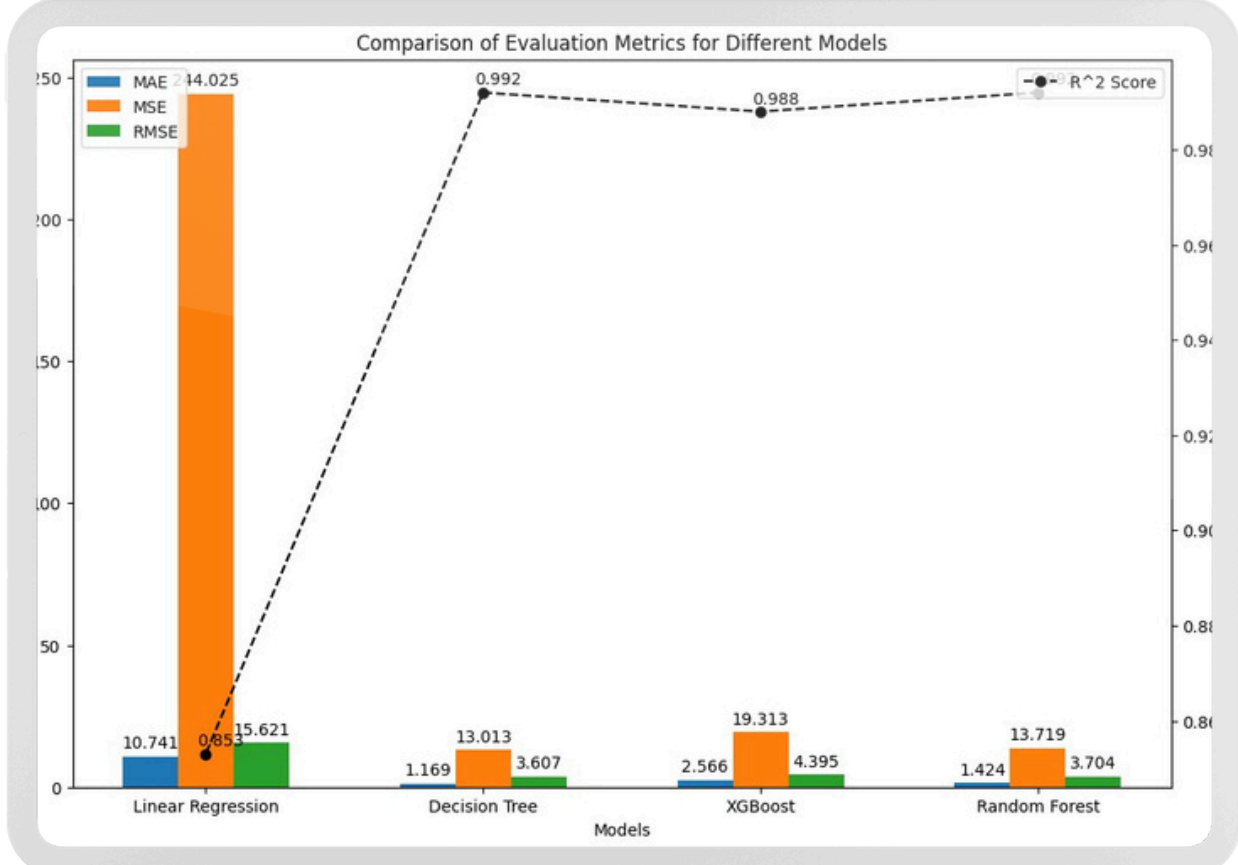
Our Solution



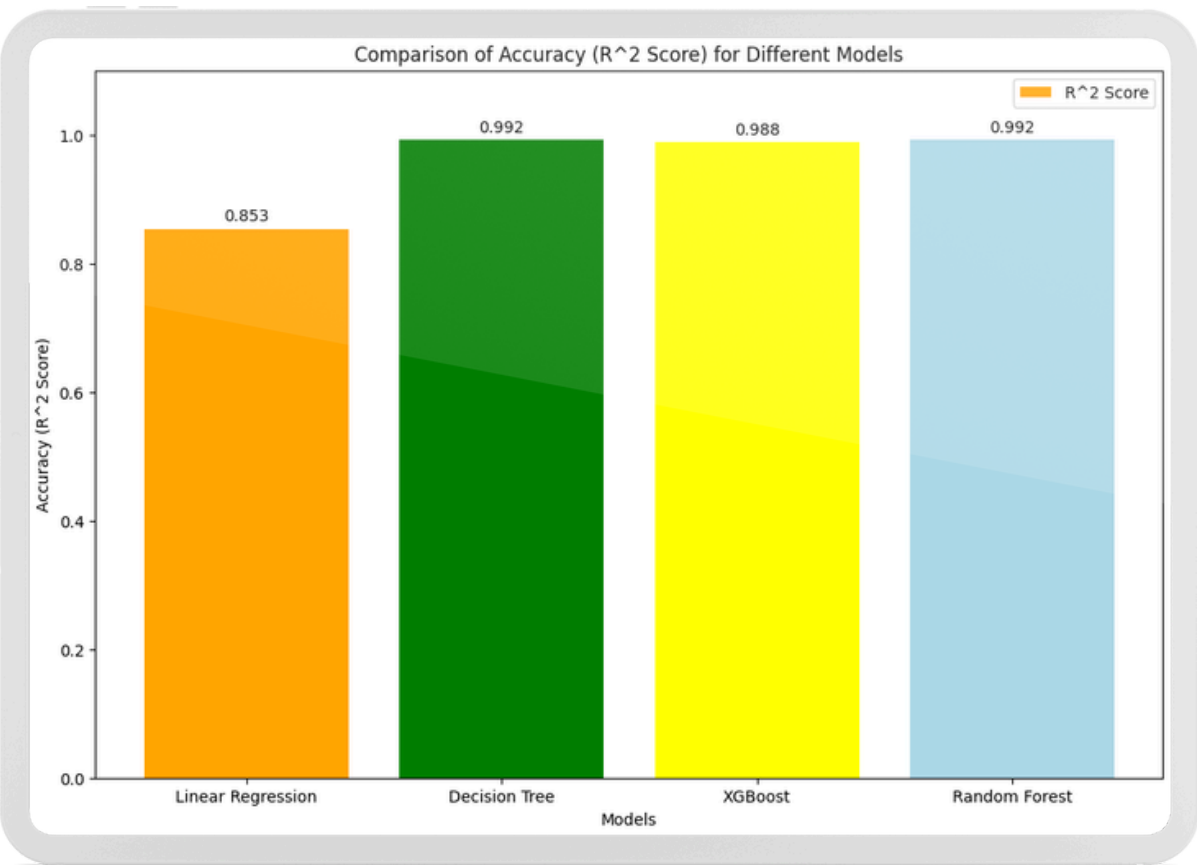
Revolutionizing Vehicle Sales with ML and Computer Vision



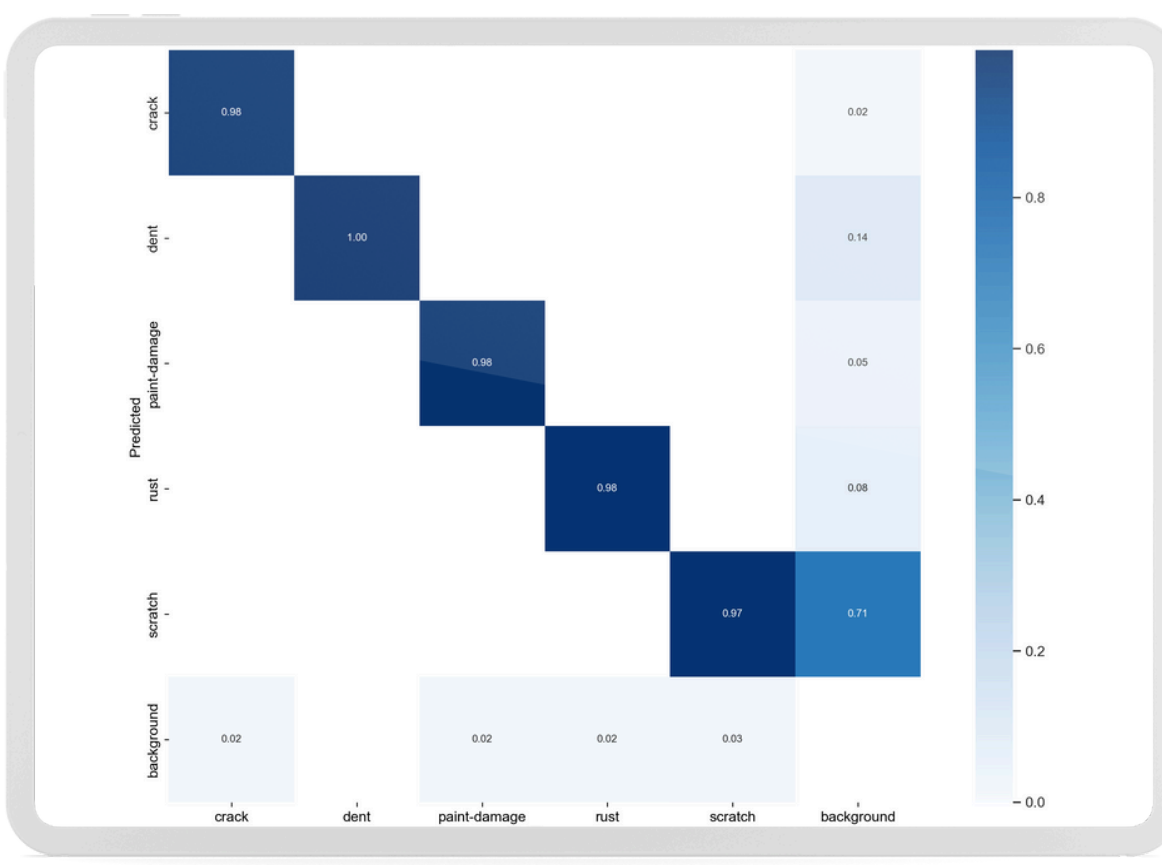
Graphical Results of ML



Comparison of Evaluation Metrics



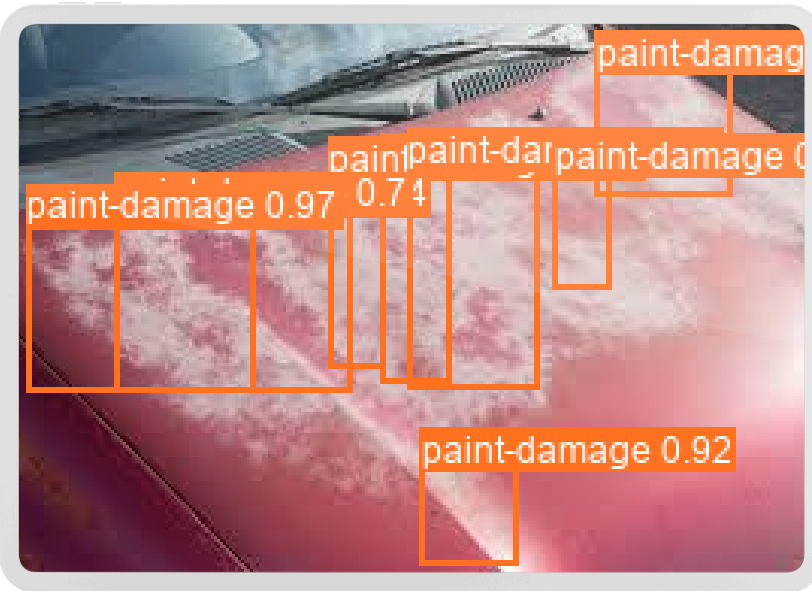
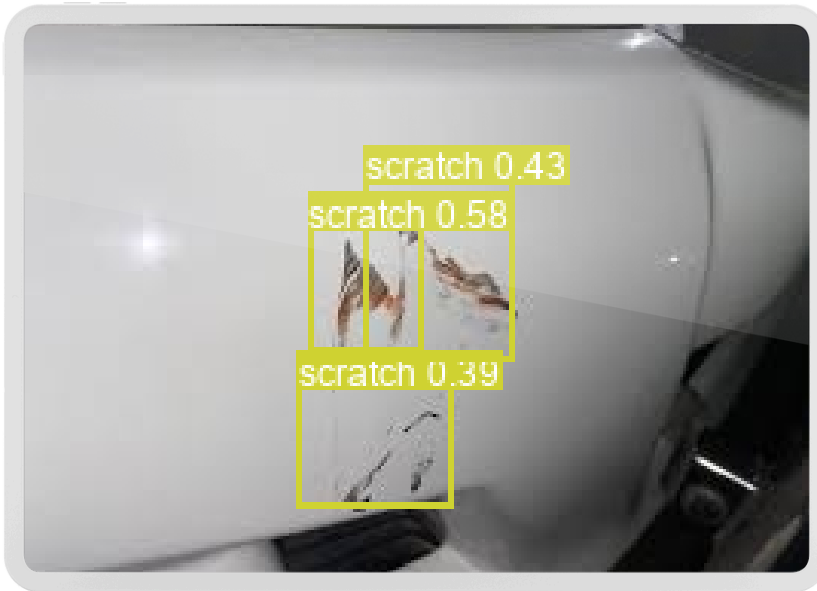
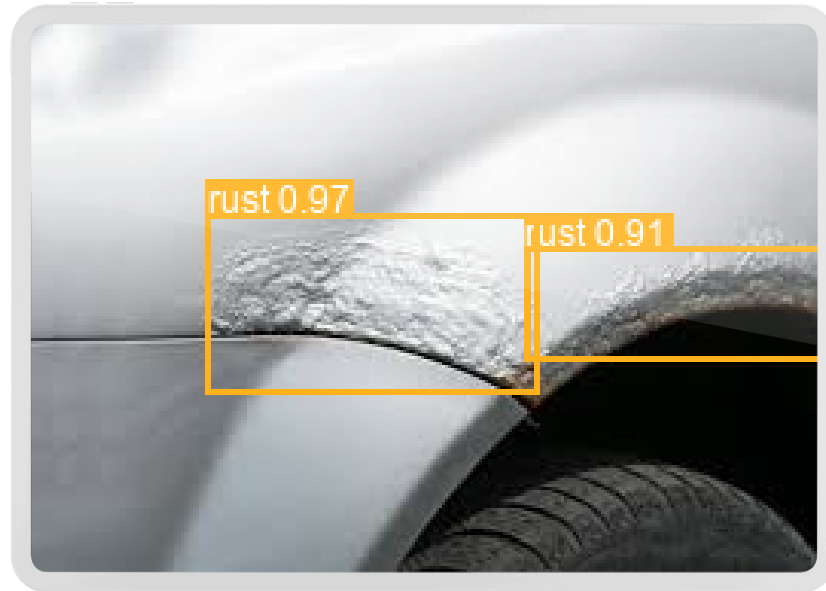
Comparison of Accuracy



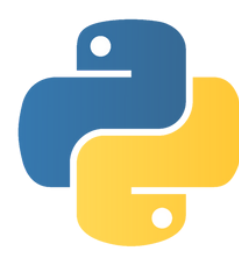
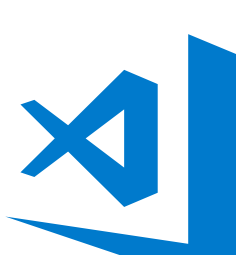
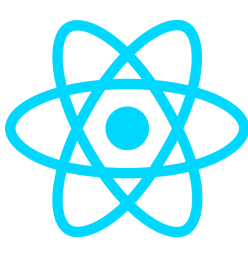
Confusion Metrics



Damage Detection Visuals



Tools & Technologies



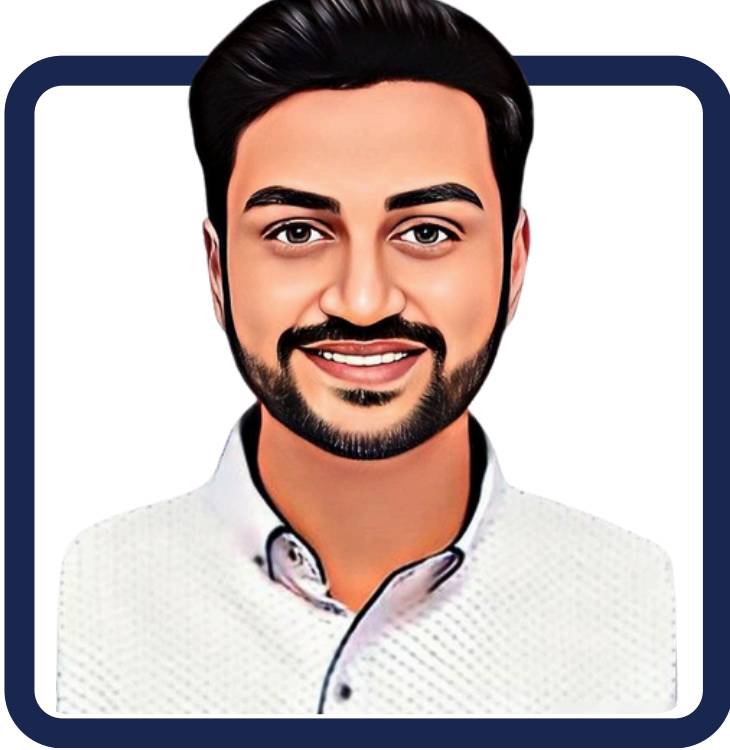
Group Members



Supervised By



Muhammad Zohaib
FA20-BSE-051



Hafiz Kunwar
Muhammad Ahmad
FA20-BSE-064



Muhammad Mehroz
FA20-BSE-071



Miss Sana Maqbool



ID:FA23SE12

COMSATS University Islamabad, Lahore Campus

