# CONCLUSION

The aim of this paper was to predict the price of second-hand reconditioned and second- hand used cars in Mauritius. The car market has been increasing steadily by around 5% for the last ten years, showing the high demand for cars by the Mauritian population. There are hundreds of car websites in Mauritius but none of them provide such a facility to predict the price of used cars based on their attributes. Our dataset of 200 records was used with the cross-validation technique with ten folds. The car make, year manufactured, paint type, transmission type, engine capacity and mileage have been used to predict the price of second-hand cars using four different machine learning algorithms. The average residual value was reasonably low for all four approaches. Thus, we conclude that predicting the price of second-hand cars is a very risky enterprise but which is feasible. This system will be very useful to car dealers and car

owners who need to assess the value of their cars. In the future, we intend to collect more data and more features and to use a larger variety of machine learning algorithms to do the prediction.