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[48] import pickle

[49] pickle.dump(pipe, open('LinearRegressionModel.pkl', 'wb'))

[50] dict(pd.DataFrame(columns=['name', 'company', 'year', 'kms_driven', 'fuel_type'], data=np.array(['Maruti Suzuki Swift', 'Maruti', 2019, 100, 'Petrol']).reshape(1, 5)))

array([416107.38610967])

pipe.steps[0][1].transformers[0][1].categories[0]

array(['Audi A3 Cabriolet', 'Audi A4 1.8', 'Audi A4 2.0', 'Audi A6 2.0',
'Audi A8', 'Audi Q3 2.0', 'Audi Q5 2.0', 'Audi Q7', 'BMW 3 Series',
'BMW 5 Series', 'BMW 7 Series', 'BMW X1', 'BMW X1 sDrive20d',
'BMW X1 xDrive20d', 'Chevrolet Beat', 'Chevrolet Beat Diesel',
'Chevrolet Beat LS', 'Chevrolet Beat LT', 'Chevrolet Beat PS',
'Chevrolet Cruze LTZ', 'Chevrolet Enjoy', 'Chevrolet Enjoy 1.4',
'Chevrolet Sail 1.2', 'Chevrolet Sail UVA', 'Chevrolet Spark',
'Chevrolet Spark 1.0', 'Chevrolet Spark LS', 'Chevrolet Spark LT',
'Chevrolet Tavera LS', 'Chevrolet Tavera Neo', 'Datsun GO T',
'Datsun Go Plus', 'Datsun Redi GO', 'Fiat Linea Emotion',
'Fiat Petra ELX', 'Fiat Punto Emotion', 'Force Motors Force',
'Force Motors One', 'Ford EcoSport', 'Ford EcoSport Ambiente',
'Ford EcoSport Titanium', 'Ford EcoSport Trend',
'Ford Endeavor 4x4', 'Ford Fiesta', 'Ford Fiesta SKi', 'Ford Figo',
'Ford Figo Diesel', 'Ford Figo Duratorq', 'Ford Figo Petrol',
'Ford Fusion 1.4', 'Ford Ikon 1.3', 'Ford Ikon 1.6',
'Hindustan Motors Ambassador', 'Honda Accord', 'Honda Amaze',
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