

<https://github.com/lbnuakmal/lsp>

Deploy

Motorcycle Price Prediction App

This application predicts the price of motorcycles based on several features.

Bike Details Data

	name	selling_price	year	seller_type	owner	km_driven	ex_shc
0	Royal Enfield Classic 350	175,000	2,019	Individual	1st owner	350	
1	Honda Dio	45,000	2,017	Individual	1st owner	5,650	
2	Royal Enfield Classic Gunmetal Grey	150,000	2,018	Individual	1st owner	12,000	
3	Yamaha Fazer FIV 2.0 [2016-2018]	65,000	2,015	Individual	1st owner	23,000	
4	Yamaha SZ [2013-2014]	20,000	2,011	Individual	2nd owner	21,000	

Columns after encoding:

```
[
  0 : "name"
  1 : "selling_price"
  2 : "year"
  3 : "km_driven"
  4 : "ex_showroom_price"
  5 : "seller_type_Individual"
  6 : "owner_2nd owner"
  7 : "owner_3rd owner"
  8 : "owner_4th owner"
]
```

Select Motorcycle Features

Year of Manufacture

2013

Seller Type

Individual

Owner Type

1st owner

Mileage (km)

10000

Ex Showroom Price (\$)

10000

Column 'owner_1st owner' not found.

Predicted Motorcycle Price

The estimated price of the motorcycle is \$23,032.49

Model Evaluation

Mean Absolute Error: 16,977.42

Mean Squared Error: 669,810,311.84

R-squared: 0.75