

CAR PREDICTION

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model	year	title_status	mileage	color	vin	lot	state
cruiser	2008	clean vehicle	274117.0	black	jtezu11f88k007763	159348797	new jersey
se	2011	clean vehicle	190552.0	silver	2fmdk3gc4bbb02217	166951262	tennessee
mpv	2018	clean vehicle	39590.0	silver	3c4pdcgg5jt346413	167655728	georgia
door	2014	clean vehicle	64146.0	blue	1ftfw1et4efc23745	167753855	virginia
1500	2018	clean vehicle	6654.0	red	3gcpcrec2jg473991	167763266	florida
mpv	2018	clean vehicle	45561.0	white	2c4rdgeg9jr237989	167655771	texas
pk	2010	clean vehicle	149050.0	black	1gcsksea1az121133	167753872	georgia
door	2017	clean vehicle	23525.0	gray	1gks2gkc3hr326762	167692494	california
malibu	2018	clean vehicle	9371.0	silver	1g1zd5st5jf191860	167763267	florida
mpv	2017	clean vehicle	63418.0	black	2fmpk3j92hbc12542	167656121	texas
coupe	2009	clean vehicle	107856.0	orange	2b3lj54t49h509675	167753874	georgia
mpv	2017	clean vehicle	39650.0	white	1gks2bkc6hr136280	167692496	california
1500	2018	clean vehicle	22909.0	black	3gcukrec0jg176059	167763273	tennessee
wagon	2017	clean vehicle	138650.0	gray	2c4rc1cg5hr616095	167656123	texas
door	2013	clean vehicle	100757.0	black	1ftfw1et7dfa47790	167753916	virginia
door	2017	clean vehicle	25747.0	white	1gks2gkc6hr328389	167692497	california
forte	2018	clean vehicle	46194.0	blue	3kpfk4a77je198723	167801757	north carolina
encore	2018	clean vehicle	20002.0	red	kl4cj1sb6jb688844	167763275	tennessee
mpv	2017	clean vehicle	35714.0	white	2fmpk3j95hbb73607	167656124	texas
door	2013	clean vehicle	54380.0	gray	1ft8w3dt5deb68569	167753923	virginia
door	2017	clean vehicle	30114.0	white	1gks2gkcxhr328380	167692498	california
forte	2018	clean vehicle	38823.0	black	3kpf14a79je272611	167801773	north carolina
door	2015	clean vehicle	61578.0	black	2gnflihe33f6214023	167763280	ohio
mpv	2017	clean vehicle	46010.0	blue	2fmpk3j84hbc09276	167656125	texas
door	2013	clean vehicle	105510.0	silver	1ftfw1efxdfa01008	167753937	virginia
door	2017	clean vehicle	28040.0	silver	1gks2gkc2hr327918	167692503	california
sorento	2020	clean vehicle	11451.0	blue	5xypg4a59lg616029	167801828	north carolina
door	2014	clean vehicle	31039.0	brown	1g4ps5sk1e4188639	167763299	ohio

Base de datos

CÓDIGO

```
import pandas as pd
from sklearn.tree import DecisionTreeClassifier
from sklearn.model_selection import train_test_split

cardata = pd.read_csv('coches.csv')
X = cardata.drop(columns=['price'])
y = cardata['price']
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2)

model = DecisionTreeClassifier
model.fit(X_train, y_train)
predictions = model.predict(X_test)|
```