

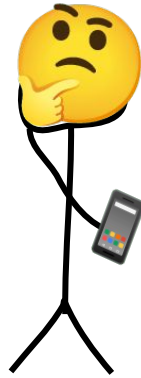
Machine Learning Zoomcamp

Session #2.1


Car Price Prediction Project


DataTalks.Club

How can we help our user select the best price?



Price	Exchange
Price *	
<input type="text" value="50000?"/>	UAH ▼
Required field	

 Dataset




390

^

Car Features and MSRP


Includes features such as make, model, year, and engine type to predict price

 CooperUnion • updated 5 years ago (Version 1)

[Data](#) [Tasks](#) [Code \(34\)](#) [Discussion \(5\)](#) [Activity](#) [Metadata](#)

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⋮

 Usability 7.6

 Tags ratings and reviews

Description

Context

Cars dataset with features including make, model, year, engine, and other properties of the car used to predict its price.

Content

Scraped from Edmunds and Twitter.

Acknowledgements

<https://www.kaggle.com/CooperUnion/cardataset>

Project plan

- Prepare data and do EDA (Exploratory Data Analysis)

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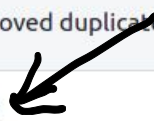
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- Regularization

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- Use linear regression for predicting price
- Understand the internals of linear regression
- Evaluating the model with RMSE
- Feature engineering
- Regularization
- Using the model

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Next

~~Exploratory data analysis~~

DATA PREPARATION