

SELLABLE

Car Price Prediction Web App

Project Guide

Prof S M PATIL

Presented by

Swaraj Patil

Nishad Patil

Rutik Patil

Problem Statement

Finalizing actual price of old car requires various factors like car specification data, how many kms car has driven.

So for individuals and dealers,to decide price of car becomes complex and time consuming.This process is very ambiguous.

To reduce ambiguity and time consumption, we decided to apply ML on car data

Introduction

We have collected car data from websites like **Cardekho** and applied **Machine Learning Algorithm** to train data which will predict actual price of our car.

If user wants to find **actual price** of his car he will input the data of his car specifications then our app will predict actual price of car according to input data based on trained model





Technologies used



- Python Library Streamlit



NumPy

- Numpy



pandas

- Pandas



- matplotlib



- Jupyter

Why these technologies

Streamlit

It is open-source Python library that makes it easy to create and share beautiful, custom web apps for machine learning and data science

Jupyter

It is a free, open-source, interactive web tool known as a computational notebook, which researchers can use to combine software code, computational output, explanatory text and multimedia resources in a single document

Sklearn

It provides a selection of efficient tools for machine learning and statistical modeling including classification, regression, clustering and dimensionality reduction via a consistent interface in Python.

Numpy Pandas

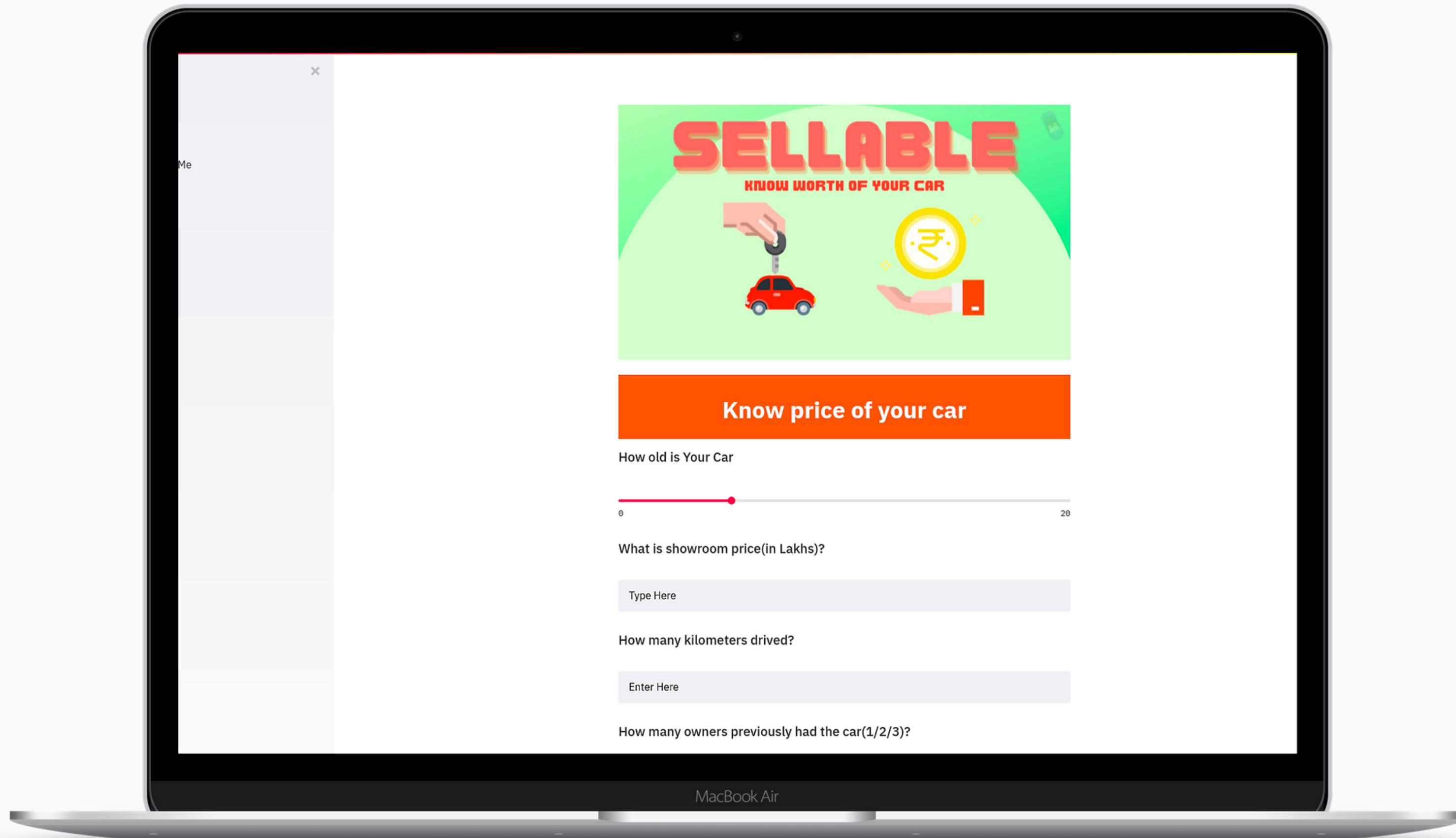
Easy to use for EDA and Manipulation of Data

Matplotlib

Used for visualization and graphical plotting

Product

----> Go to WebApp



×
Navigate

- Home
- Data
- About Me

Know price of your car

How old is Your Car



What is showroom price(in Lakhs)?

20

How many kilometers driven?

24000

How many owners previously had the car(1/2/3)?

1



How many owners previously had the car(1/2/3)?

1

Fuel Type

Petrol

Are you a Dealer or Individual

Dealer

Transmission Type

Automatic

Selling Price of your Car : L



Are you a Dealer or Individual

Dealer
 Indivisual

Transmission Type

Automatic
 Manual

Predict

Selling Price of your Car : 12.23 L

About



Diesel
CNG

Conclusion

01

Successfully made a WebApp that saves lot of time checking and verifying worth of car

02

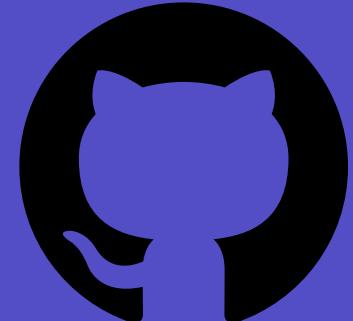
Clean,beautiful,easy and interactive WebApp for better user Experience

03

Our future target to explore this project is to predict the Mileage of cars using Machine Learning algorithms

References

[Github Repo](#)



01

[Streamlit](#)

02

[Kaggle Dataset](#)

03

[CarDekho](#)

Thank You