

# PROJECT – AUTOMOBILE PRICE PREDICTION APPLICATION.

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Project License – BSD 2-Clause “Simplified”.

Project Code Link – Github [Link](#)

# Welcome to Automobile Price Prediction

This app predicts the price of a car you want to sell. Try filling the details below:

**Select the company:**

Select Company



**Select the model:**



**Select Year of Purchase:**

2019



**Select the Fuel Type:**

Petrol



**Enter the Number of Kilometres that the car has travelled:**

Enter the Kms Driven

Predict Price

# PROJECT DESCRIPTIONS.

This Model is Built using Machine Learning Algorithm i.e Linear Regression and Sklearn so training and testing of data and uses Flask as in Backend and HTML, CSS and JS as in Frontend and the pickle module is used for make a .pkl file such that the data can be fetched using flask is possible and make the prediction of 88%+.

# Tools & Technology Uses

- HTML.
- CSS & J.S.
- Flask.
- Sklearn.
- NumPy.
- Pandas.
- Pickle.
- Linear Regression.
- Bootstrap.



# Advantages



- USES FOR PREDICTION OF OLD AUTOMOBILES PRICES.
- MAXIMIZE THE PROFIT OF SELLING AUTOMOBILES.
- USES FOR ALMOST AUTOMOBILES COMPANY'S VEHICLE
- ACCURACY OF THIS MODEL IS MORE THAN 89%.
- DEPLOYED ON HEROKU CLOUD SERVERS SO ANY ONE CAN USES.
- USES FOR VERY OLD VEHICLE ALSO.

# SOURCE HELP FOR BUILT UP PROJECT

- Documentations.
- Various Articles.
- Stack Overflow.
- Google.
- YouTube.
- GitHub.
- Debug Resources.

# Project Deployment on Server Using Git.



Heroku is a cloud platform as a service (PaaS) supporting several programming languages. One of the first cloud platforms, Heroku has been in development since June 2007, when it supported only the Ruby programming language, but now supports Java, Node.js, Scala, Clojure, Python, PHP, and Go. For this reason, Heroku is said to be a polyglot platform as it has features for a developer to build, run and scale applications in a similar manner across most languages. Heroku was acquired by Salesforce.com in 2010 for \$212 million