

APPLICATION BUILDING

EXECUTE AND TEST YOUR MODEL

Date	17 November 2022
Team Id	PNT2022TMID21221
Project Name	Project – Car Resale Value Prediction

Firstly, the flask application is run in the terminal, using the command “flask run”.

```

47 labeled = new_df[['yearOfRegistration'
48                  , 'powerPS'
49                  , 'kilometer'
50                  , 'monthOfRegistration'
51                  ] + [x+'_labels' for x in labels]]
52 X = labeled.values
53 print(X)
54 v_prediction = model.rand.predict(X)

```

```

scripts is disabled on this system. For more information, see about_Execution_Policies at
https://go.microsoft.com/fwlink/?LinkID=135170.
At line:1 char:3
+ & "c:/Users/FATHIMA SAFA/Downloads/resale_predict/env/Scripts/Activat ...
+ ~~~~~
+ CategoryInfo          : SecurityError: (:) [], PSSecurityException
+ FullyQualifiedErrorId : UnauthorizedAccess

PS C:\Users\FATHIMA SAFA\Downloads\resale_predict> cd flask
PS C:\Users\FATHIMA SAFA\Downloads\resale_predict\flask> flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [17/Nov/2022 16:51:20] "GET / HTTP/1.1" 200 -

```

Inputs for the fields in given.

Predictive analysis

Registration Year

2014

Registration Month

11

Power of car in PS

438

Kilometer the car has driven

54300

Gear Box Type

Manual

Your car is damaged or repaired

Yes

Model Type

200

Brand of the car

BMW

Fuel type of the car

Diesel

Vehicle Type

Bus

Predict

Once the inputs are inputted the predict button is clicked. Once clicked, the output is displayed at the bottom of the page.

Your car is damaged or repaired

Yes

Model Type

80

Brand of the car

Alfa_romeo

Fuel type of the car

Andere

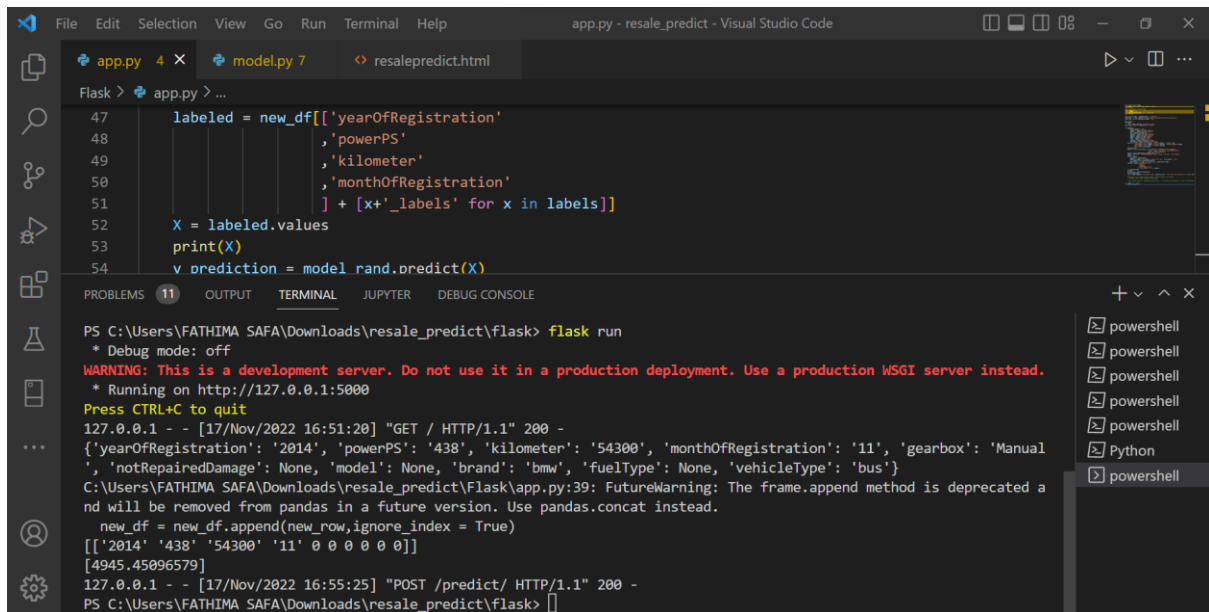
Vehicle Type

Andere

Predict

The resale value predicted is 4945.45\$

Once the resale value is predicted, we can close the website by pressing ctrl+c in the terminal.



```
File Edit Selection View Go Run Terminal Help
app.py - resale_predict - Visual Studio Code

app.py 4 x model.py 7 resalepredict.html

Flask > app.py > ...
47 labeled = new_df[['yearOfRegistration'
48                  , 'powerPS'
49                  , 'kilometer'
50                  , 'monthOfRegistration'
51                  ] + [x+'_labels' for x in labels]]
52 X = labeled.values
53 print(X)
54 v_prediction = model rand.predict(X)

PROBLEMS 11 OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

PS C:\Users\FATHIMA SAFA\Downloads\resale_predict\flask> flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [17/Nov/2022 16:51:20] "GET / HTTP/1.1" 200 -
{'yearOfRegistration': '2014', 'powerPS': '438', 'kilometer': '54300', 'monthOfRegistration': '11', 'gearbox': 'Manual', 'notRepairedDamage': None, 'model': None, 'brand': 'bmw', 'fuelType': None, 'vehicleType': 'bus'}
C:\Users\FATHIMA SAFA\Downloads\resale_predict\Flask\app.py:39: FutureWarning: The frame.append method is deprecated and will be removed from pandas in a future version. Use pandas.concat instead.
  new_df = new_df.append(new_row, ignore_index = True)
[['2014' '438' '54300' '11' 0 0 0 0 0]]
[4945.45096579]
127.0.0.1 - - [17/Nov/2022 16:55:25] "POST /predict/ HTTP/1.1" 200 -
PS C:\Users\FATHIMA SAFA\Downloads\resale_predict\flask>
```