Week4: Deployment on Flask

Name: Walquer Xavier Valles Ruiz

Batch code: LISP01

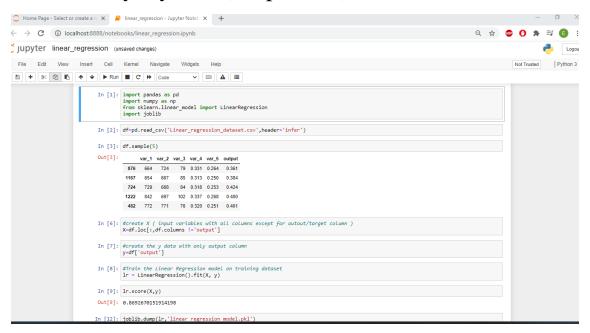
Submission date: 21/03/2021

Submitted to: GitHub

••••••

Snapshot of steps of deployment

1. Select any toy data (simple data).



2. Save the model

```
In [6]: #create X ( input variables with all columns except for outout/target column )
X=df.loc[:,df.columns !='output']

In [7]: #create the y data with only output column
y=df['output']

In [8]: #Train the Linear Regression model on training dataset
lr = LinearRegression().fit(X, y)

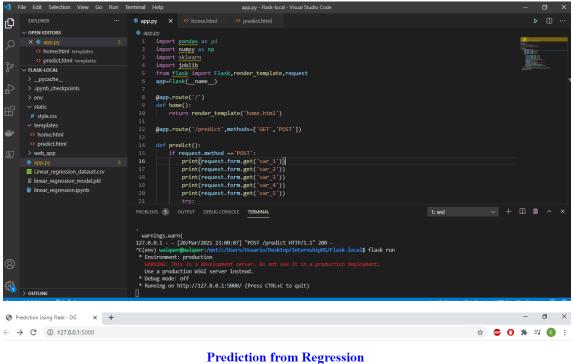
In [9]: lr.score(X,y)

Out[9]: 0.8692670151914198

In [12]: joblib.dump(lr, 'linear_regression_model.pkl')

Out[12]: ['flask_app/linear_regression_model.pkl']
```

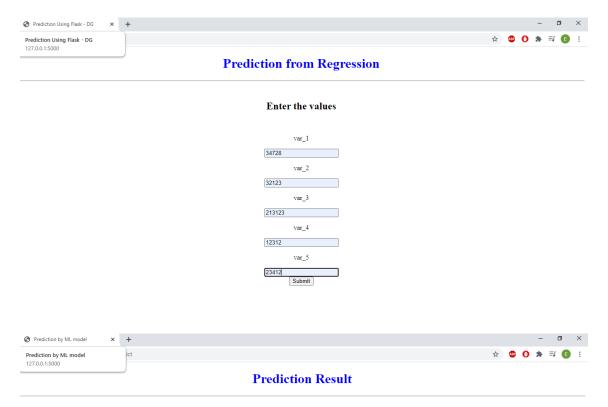
3. Deploy the model on flask (web app)



Enter the values

var_2 var_3 var_4 var_5

Submit



3608.45