

Flask app deployment Project

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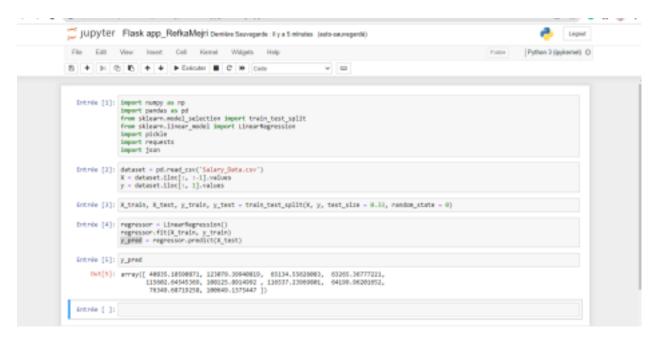
College: National Engineering School of Tunis

Specialization: Data Science



First step:

Model prediction:



Second step:

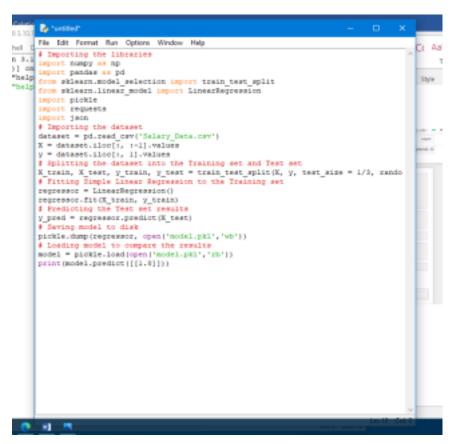
After prediction, I save my model using pickle library.

Pickle is used for serialization and deserialization of python object structure.

The object regressor is saved as a file named model.pkl



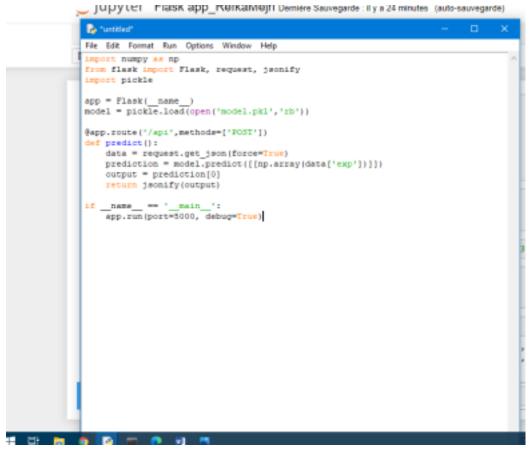
Then I prepare model.py file for training and saving my model:



Step3:

I prepare server.py file where I will use flask web framework to deal with the post request that we will get from request.py





Now our server is ready, let's add request.py file:



```
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import requests
url = 'http://localhost:5000/api'
r = requests.post(url,json={'exp':l.8,})
print(r.json())
```

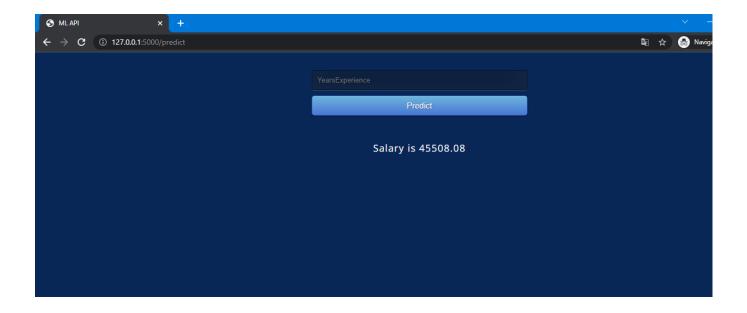
After preparing html and css file for web app.I tested my app using python app.py:

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I obtain the url for the app: Running on http://127.0.0.1:5000/



All file are saved in the same file named: Flask-app_Salary prediction: