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Batch code: LISP01

Submission date: 22-MAR-2021

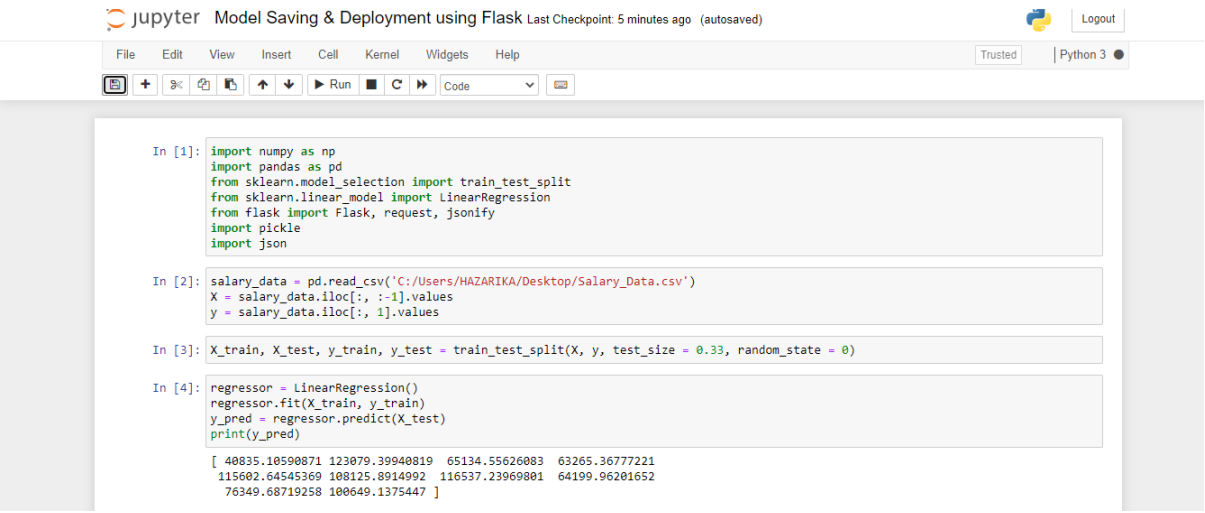
Submitted to: Data Glacier

Deployment on Flask

Step 1:

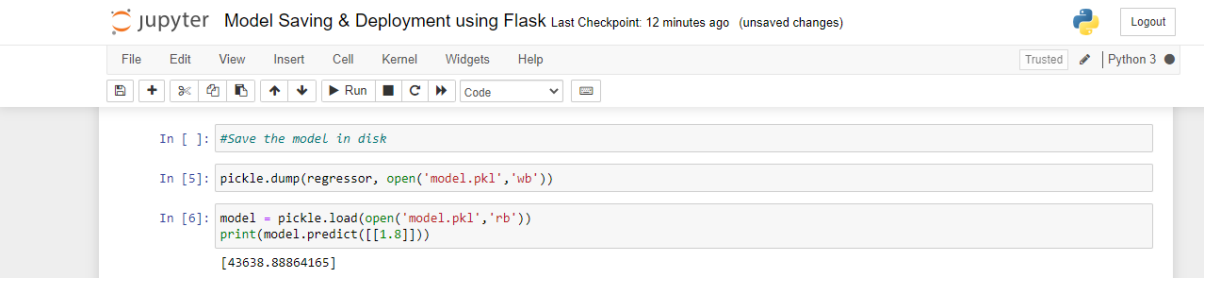
Develop ML model:

Predict the salary of an employee based on experience using Linear Regression Model.



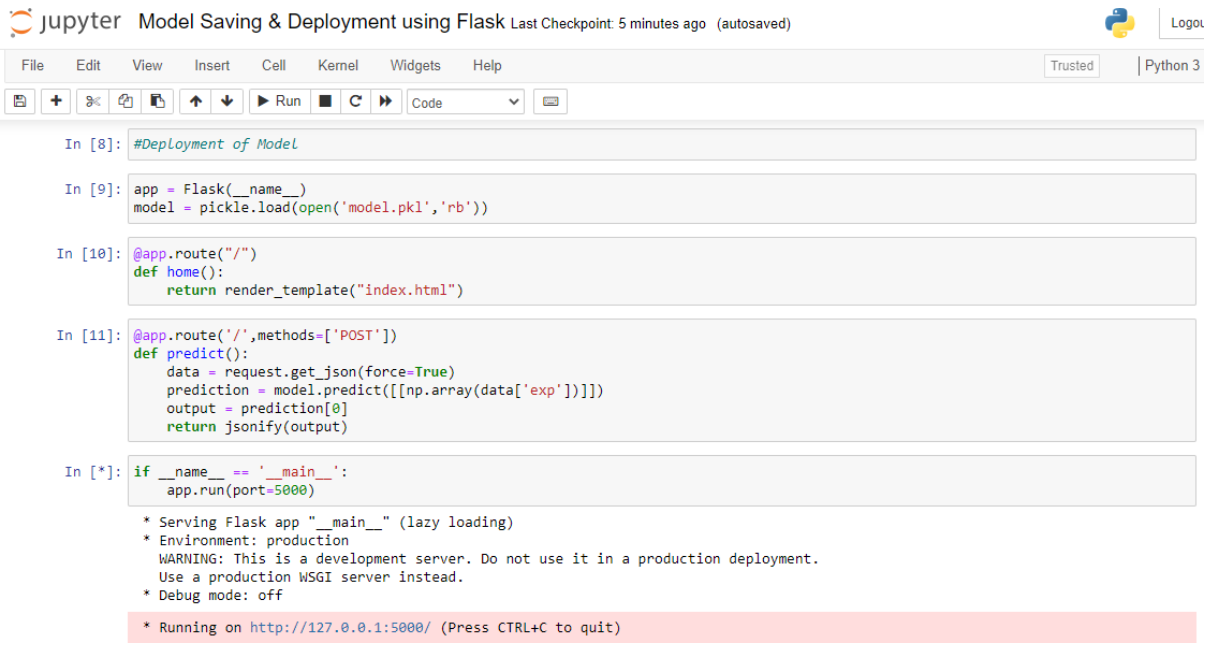
Step 2:

Saving the trained model to the disk using the *pickle* library.



Step 3:

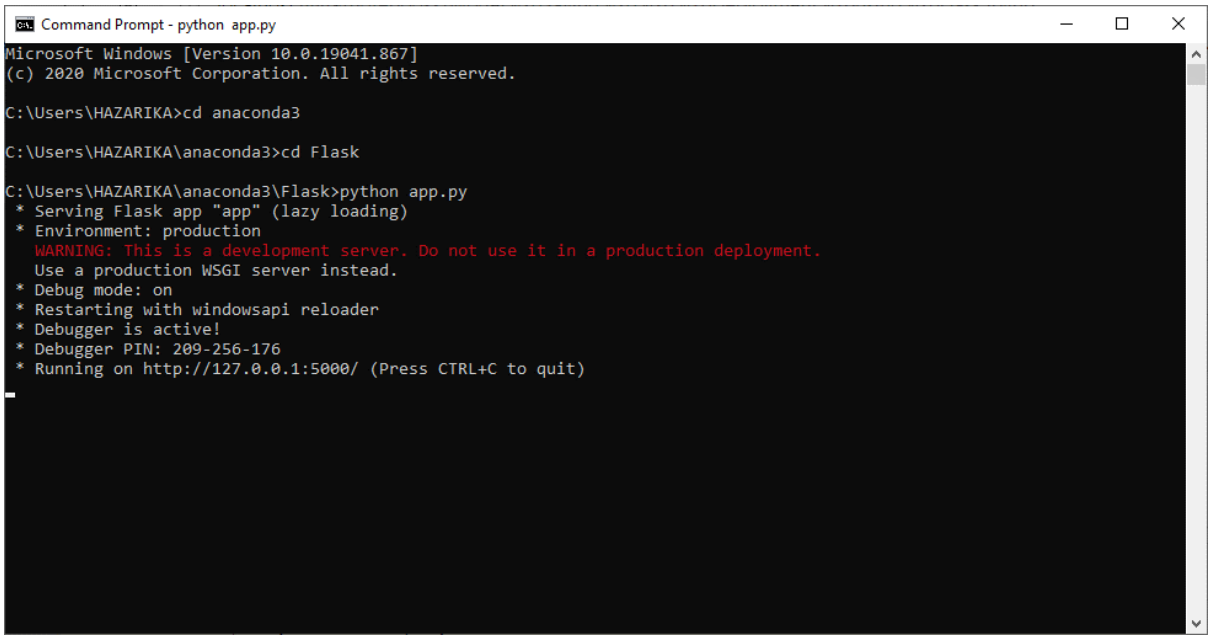
Deployment of Model



- Created the instance of the *Flask()* and loaded the model.
- Bounded " */*" with the method *predict()* in which predict method gets the data from the json passed by the requestor.
- *model.predict()* method takes input from the json and converts it into 2D *numpy array* the results are stored into the variable named *output*.
- Return this variable after converting it into the json object using flasks *jsonify()* method.
- Run our server by following above code section and using port 5000.

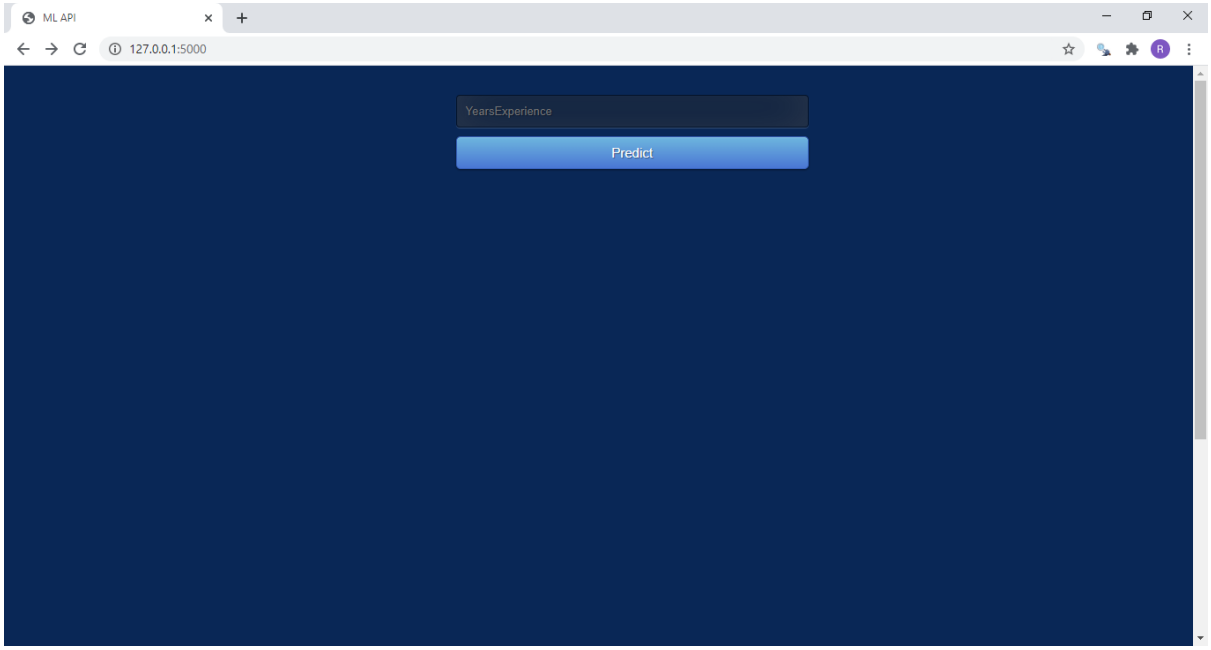
Step 4:

Checking python app.py file in CMD



Step 5:

Creating the Web App by typing the URL in the browser



Thank You