Flask Deployment

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Batch Code: LISUM09

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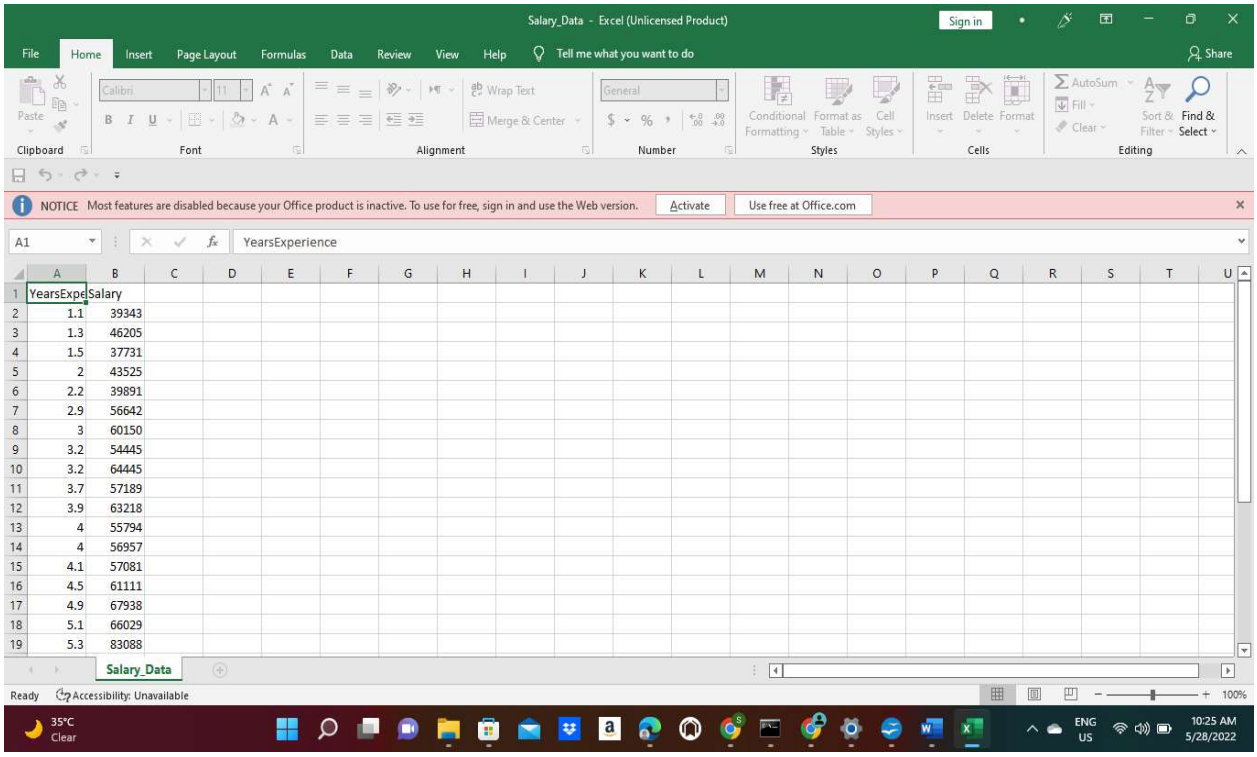
Submitted To: Data Glacier Team

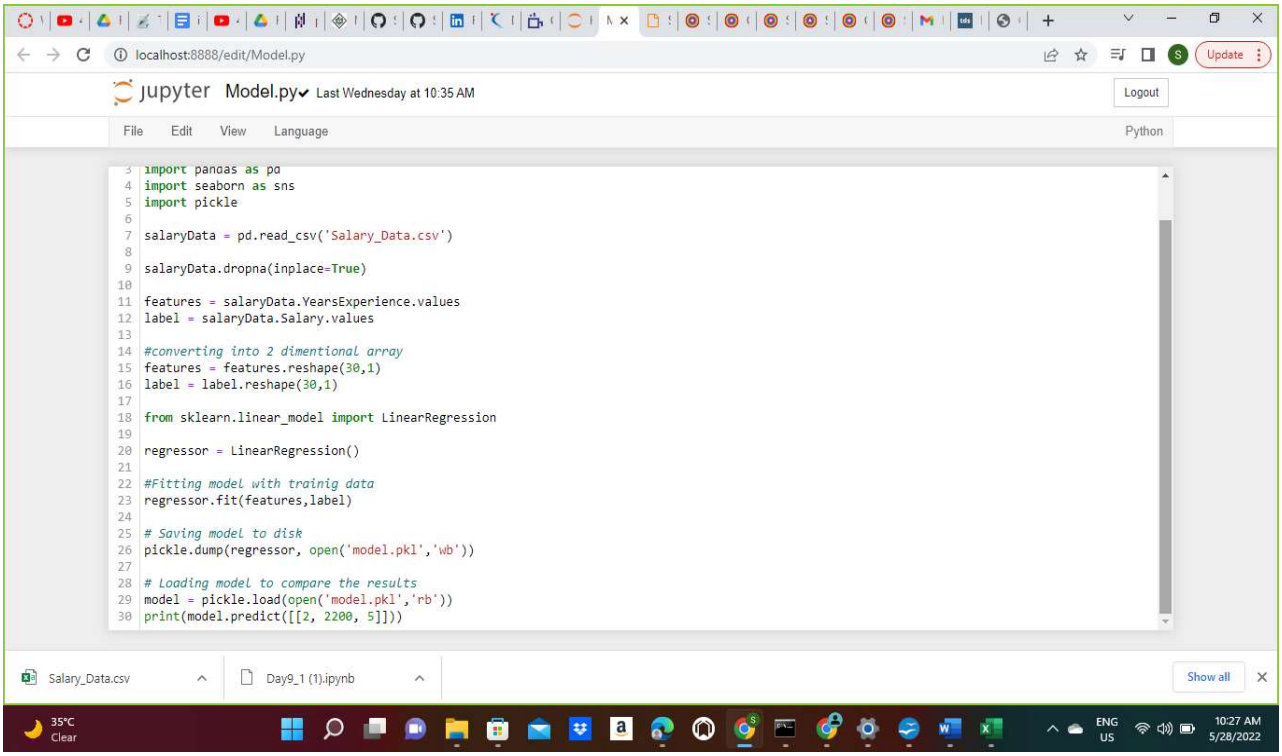
Steps and Screenshots of Deployment

1.The Toy data I have taken for building a prediction model and deployment in flask is a Salary_Data which has Number of years of experience and corresponding salary data which looks as below.

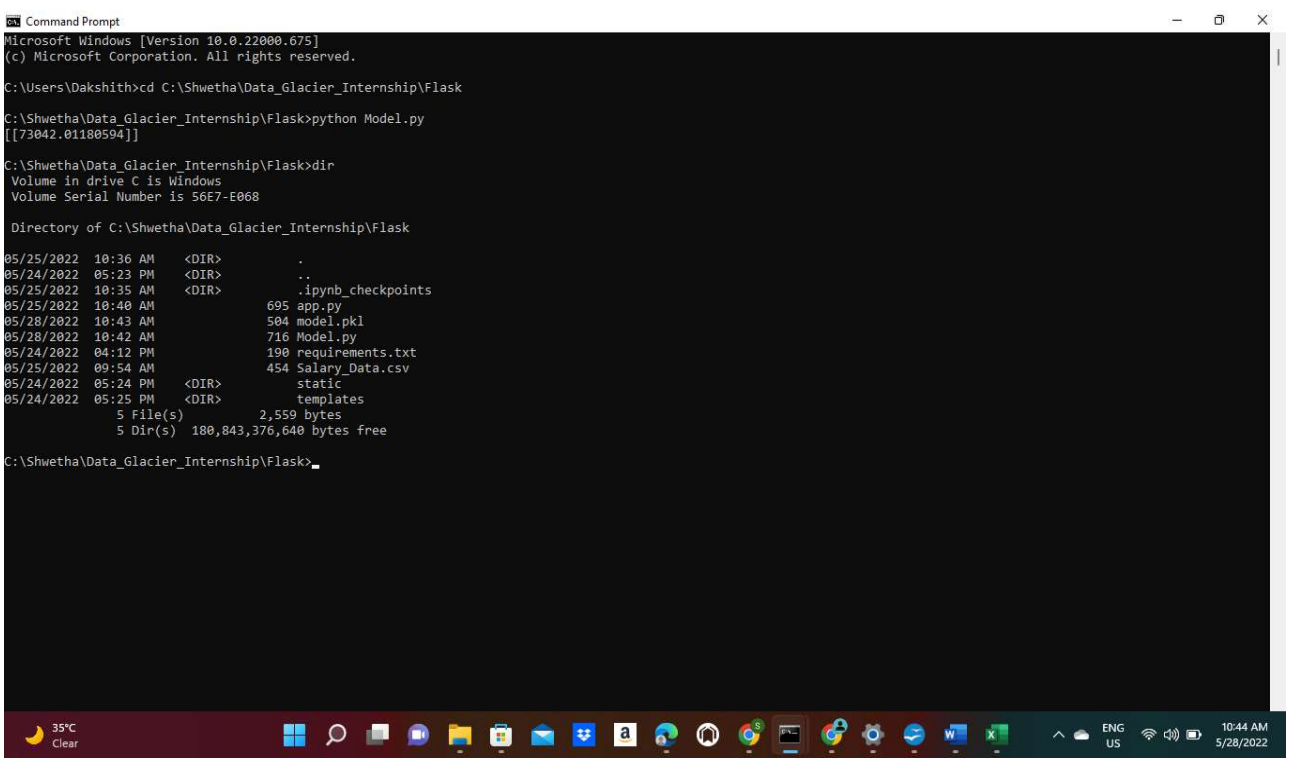


YearsExpe	Salary
1.1	39343
1.3	46205
1.5	37731
2	43525
2.2	39891
2.9	56642
3	60150
3.2	54445
3.2	64445
3.7	57189
3.9	63218
4	55794
4	56957
4.1	57081
4.5	61111
4.9	67938
5.1	66029
5.3	83088

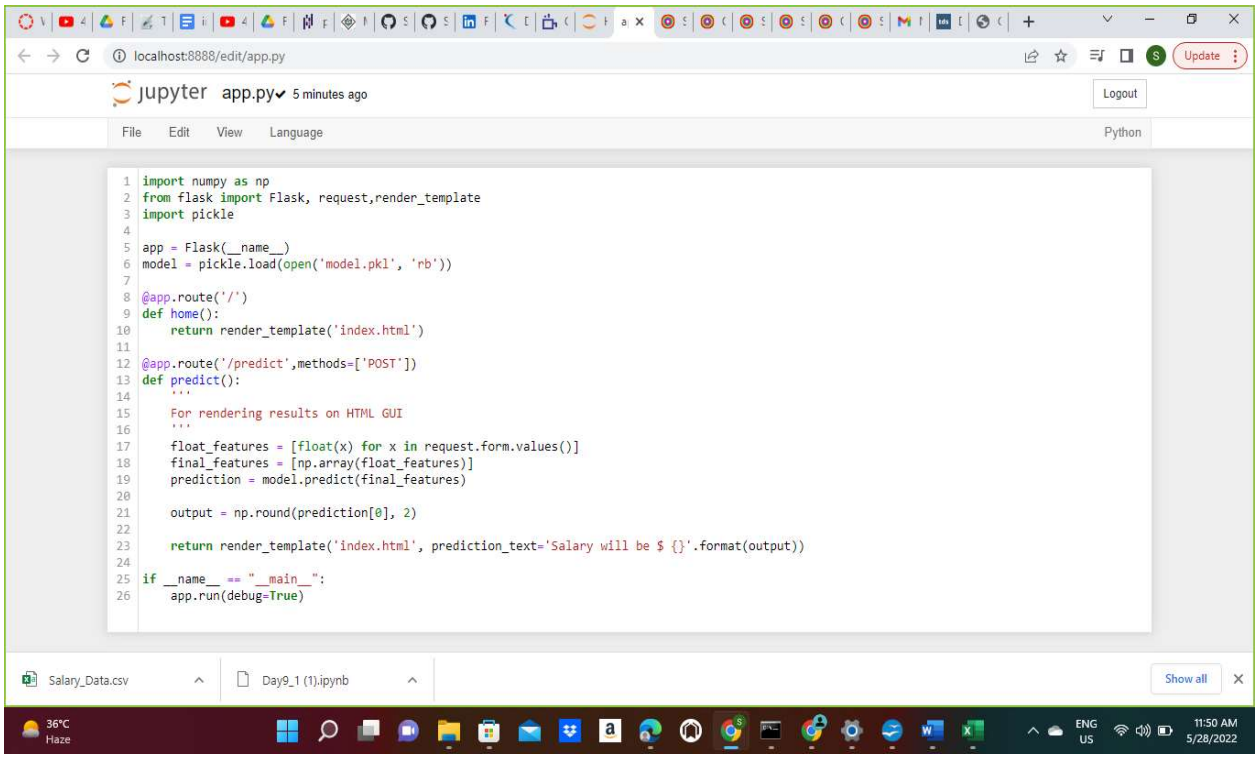
2.Build a model to predict the Salary depending on the Number of Years of experience and save the model.



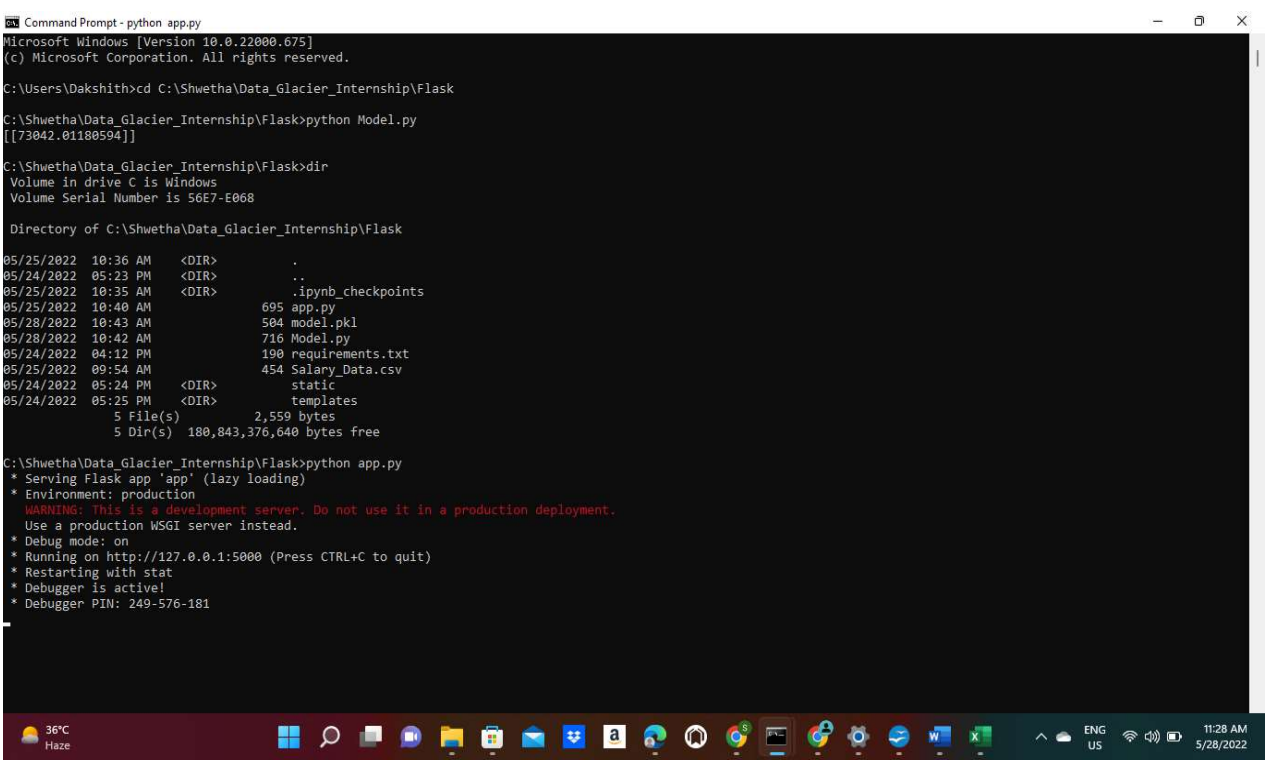
3.Generate the Pickle file Model.pkl by running the above file Model.py



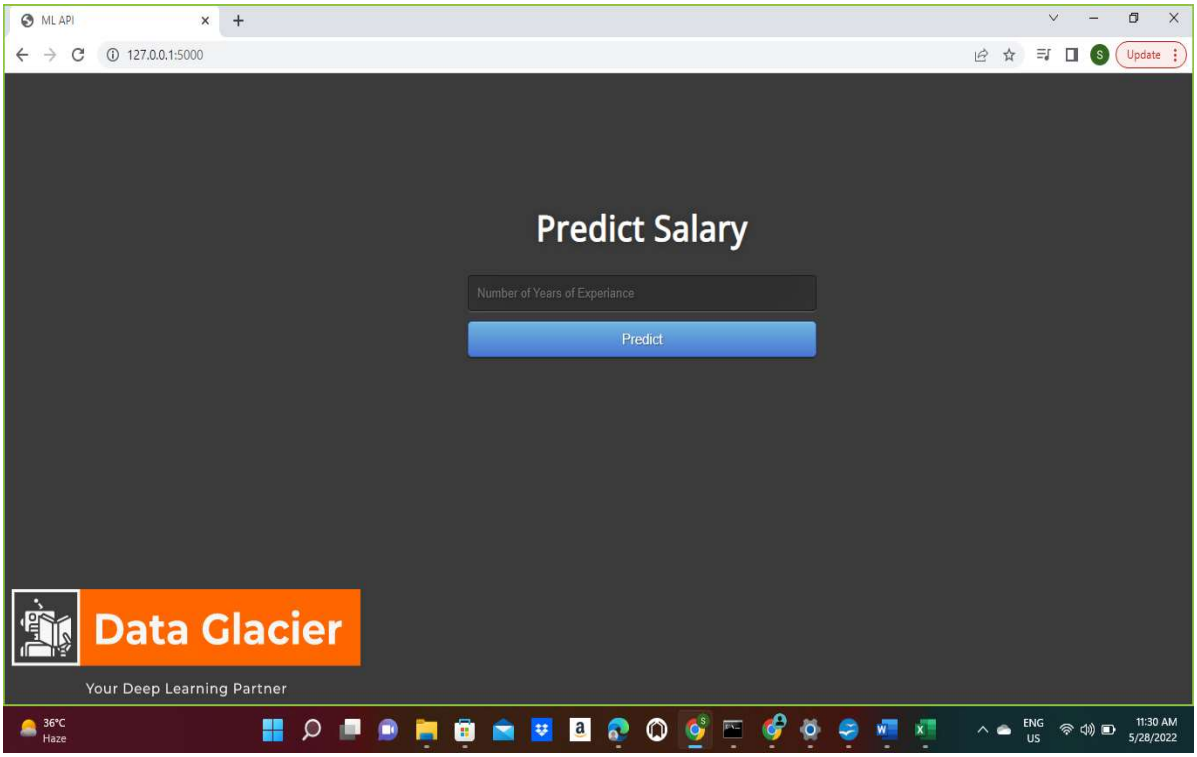
4.Then Create a app.py file to deploy the Model in flask as below.



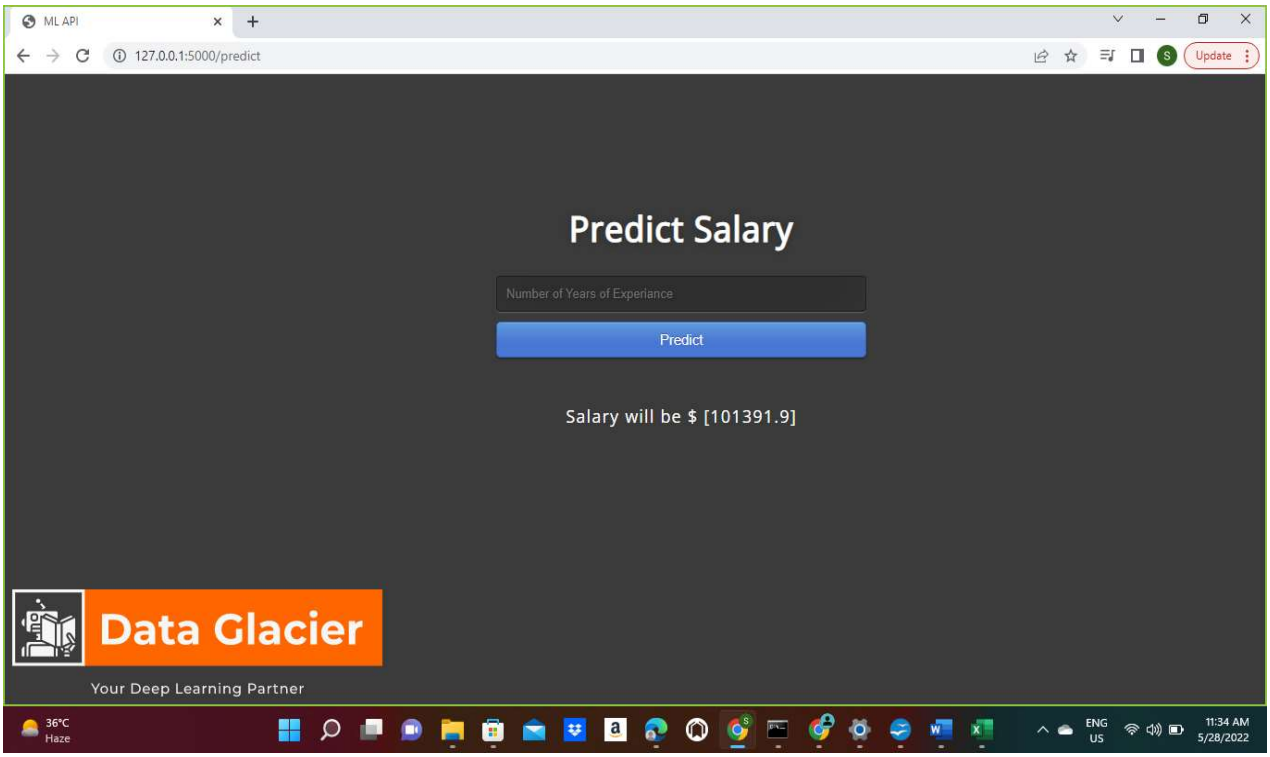
5.Go to folder and run the app.py file as below.



6. Copy paste the URL http://127.0.0.1:5000 in any browser,then you will be prompted for asking the number of years of experience to predict salary as below



7. Enter the Number of Years of experience and click on submit button it will show the predicted salary as below.



This is how we can predict the salary by looking at there Number of experience by saving a model and deploying it in Flask.

#HTML and image templates have to saved in the same folder where have Model.py and app.py

Below is the screenshot of POST and GET operations