Python Deployment With Flask

Running the project

[Note: I have maintain my project in both '.py and .ipyb file format . 'cab_fare_project1.py' file for run in any command promt and 'Cab_fare_project1.ipyb' run in jupyter only but I have created it in most understandable in nature]

1. Ensure that you are in the project home directory (i.e here in 'Deployment in python with Flask' folder). Create the machine learning model by running below command -

python cab_fare_model.py

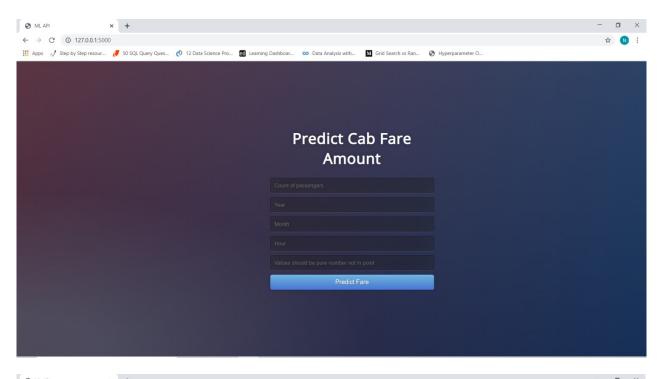
This would create a serialized version of our model into a file model.pkl

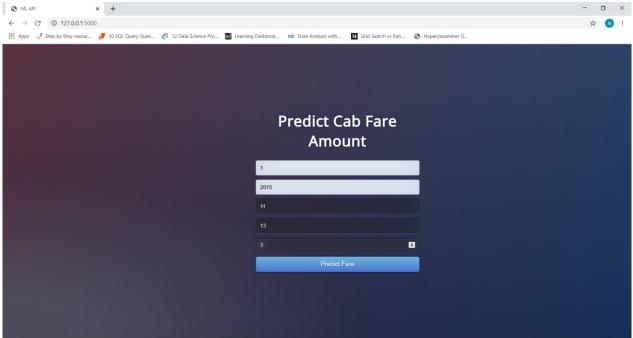
2. Run app.py using below command to start Flask API

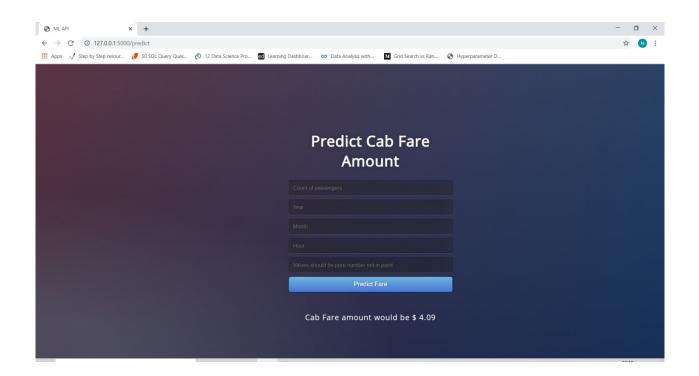
python app.py

By default, flask will run on port 5000.

3. Navigate to URL http://localhost:5000

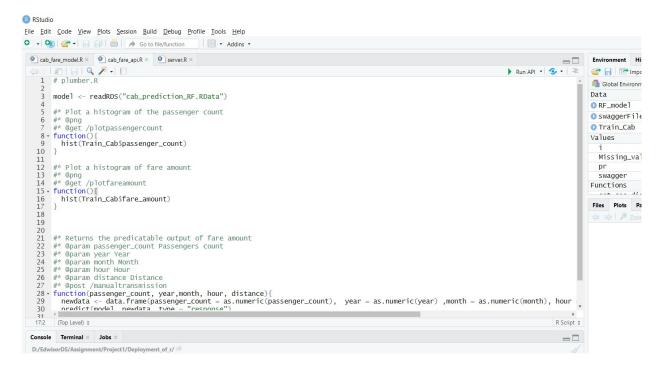




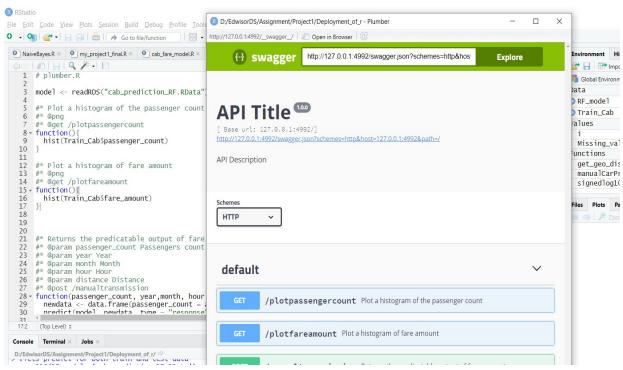


R Deployment with Plumber

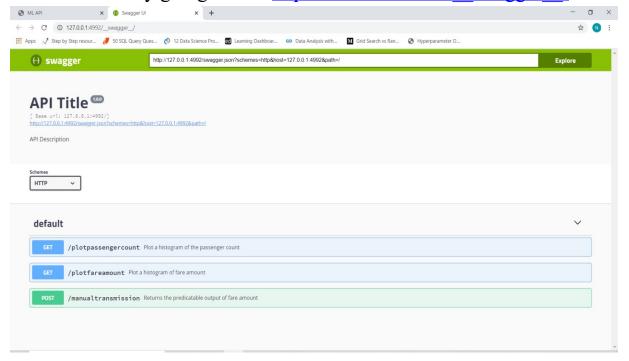
- 1. We have maintain three basic files 'cab_fare_model.R', 'cab_fare_api.R' and 'server.R' for R deployment containing in folder 'Deployment_of_R'.
- 2. First run 'cab_fare_model.R' file
- 3. Then you can run API by opening file 'cab_fare_api.R' and then click on run api.



4. Which will open following window

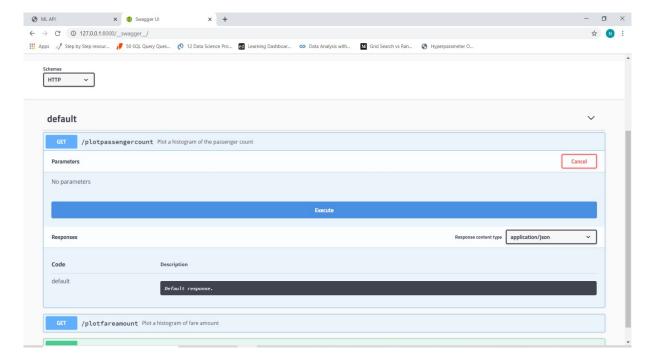


5. You can open it in browser by clicking on upper right side 'Open in Browser' or by going to link http://127.0.0.1:8000/ swagger

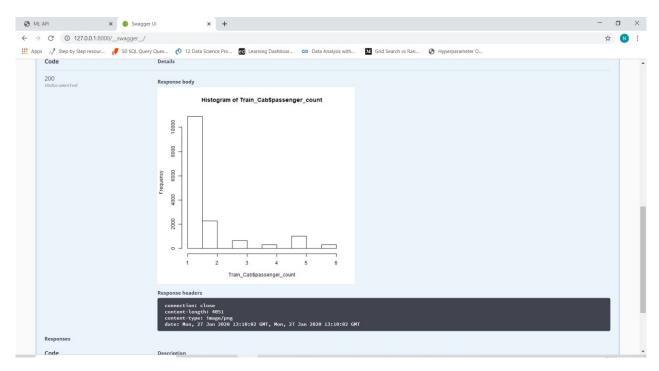


6. Now you can open one by one segment and see implementation.

First click on 'Try it out' option



Then click on 'Execute' button. It will execute following



Similarly you can do it for all segment,

