Data Science Intern at Data Glacier

Week 5: Cloud API Development

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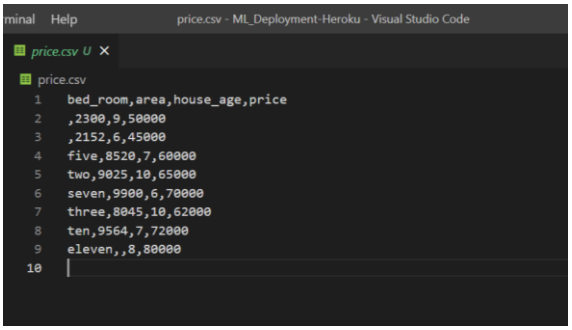
Submitted to: Data Glacier

1. Introduction

In this project, I have added “Guess Home Prices” data as I have learned in the example of Data Glacier. It can be found on: https://mldeploymentmethod.herokuapp.com/

2. Data Information



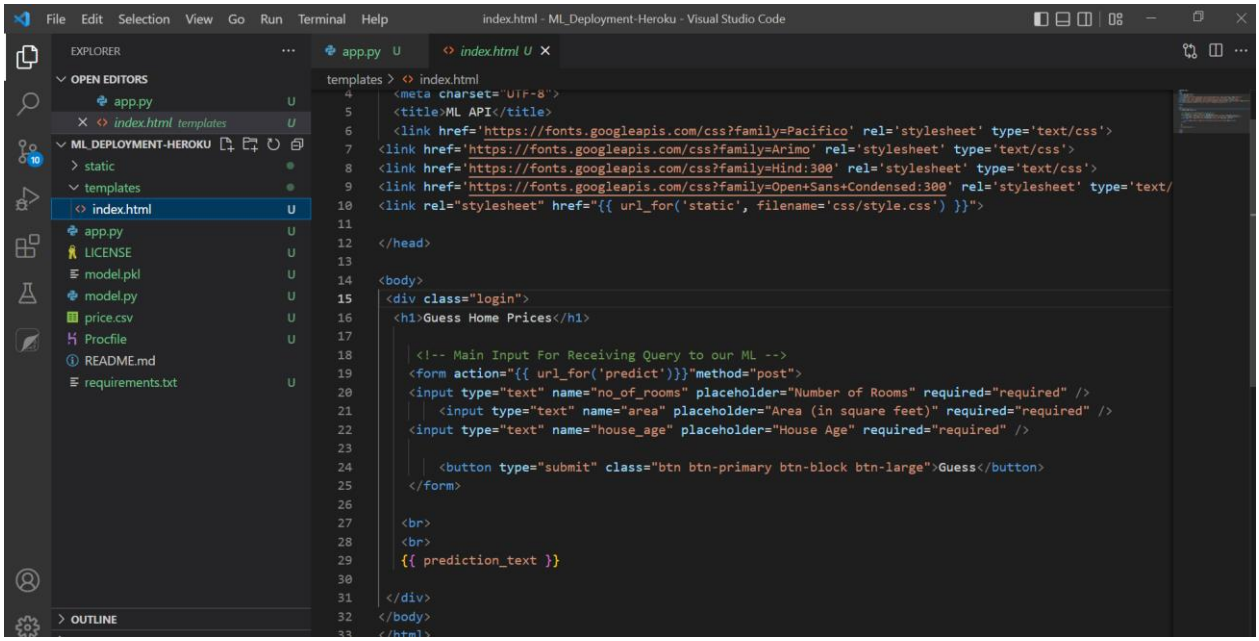
3. Turning Model into Web Application

3.1 App.py

The `app.py` file contains the main code that will be executed by the Python interpreter to run the Flask web application.

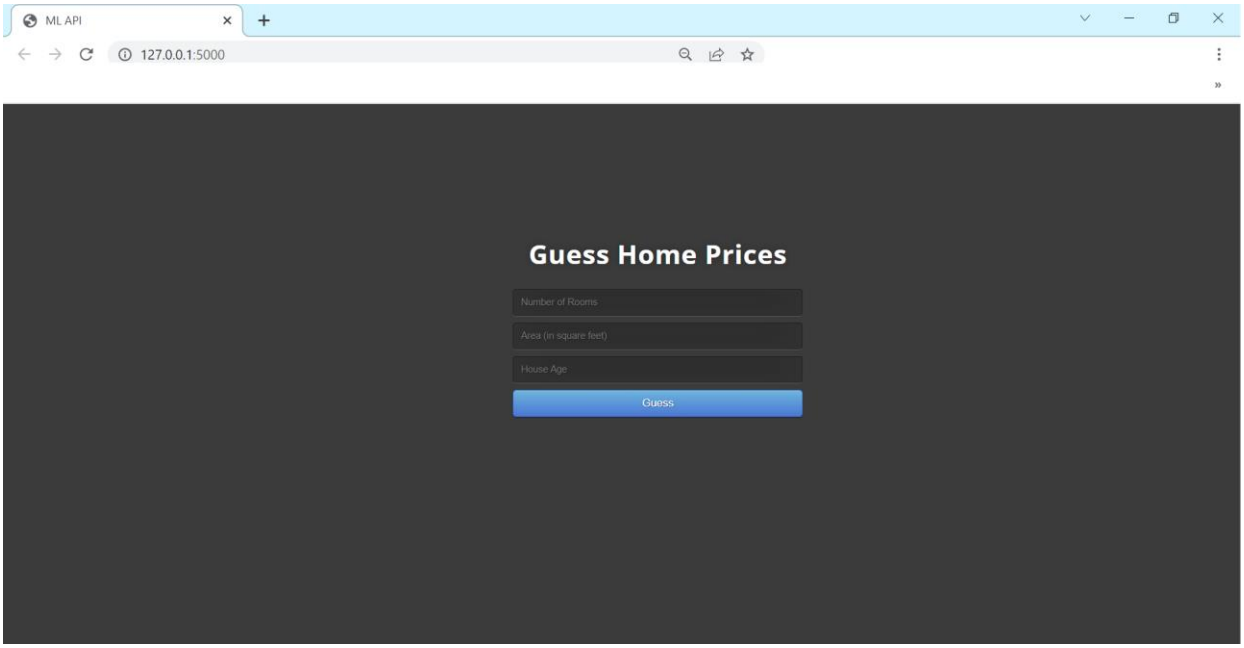
3.2 Index.html

The following are the contents of the *index.html* file that will render a text form where a user can enter a message.



4. Model deployment using Heroku

Now that our model has been trained, the machine learning pipeline has been set up, and the application has been tested locally, we're ready to begin our Heroku deployment. There are several methods for uploading the application source code to Heroku. The simplest method is to connect a GitHub repository to your Heroku account.


ML API
127.0.0.1:5000
Guess Home Prices
Number of Rooms
Area (in square feet)
House Age
Guess