## **Heroku Deployment of Dummy Model**

Name: Ray Ng

**Batch Code: LISUM10** 

Submission Date: July 2, 2022

Submitted to: Github (inside folder <a href="https://github.com/rainbow31499/lisum-10/tree/main/week-5">https://github.com/rainbow31499/lisum-10/tree/main/week-5</a>)

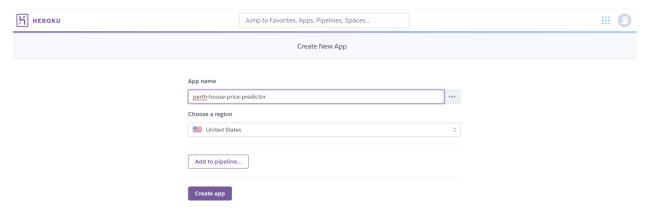
**Step 1.** Use the same program as used during the Flask deployment. However, the directory should include additional files, as follows:

rainbow31499 Update	requirements.txt	8cc87cf 21 hours ago 🖰 3 commits
static	Add files via upload	2 days ago
templates	Add files via upload	2 days ago
LICENSE	Add files via upload	2 days ago
Procfile	Add files via upload	2 days ago
README.md	Add files via upload	2 days ago
all_perth_310121.csv	Add files via upload	2 days ago
🖰 арр.ру	Add files via upload	2 days ago
model.pickle	Add files via upload	2 days ago
model.py	Add files via upload	2 days ago
requirements.txt	Update requirements.txt	21 hours ago

## Note that the requirements.txt file is modified and reads:

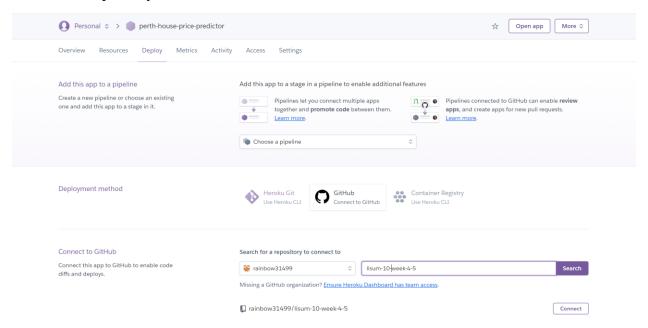
```
Flask>=1.1.1
gunicorn>=19.9.0
itsdangerous>=1.1.0
Jinja2>=2.10.1
MarkupSafe>=1.1.1
Werkzeug>=0.15.5
numpy>=1.9.2
scipy>=0.15.1
scikit-learn>=0.18
matplotlib>=1.4.3
pandas>=0.19
```

**Step 2.** Create a new app using Heroku (New -> Create new app). We choose the name perthhouse-price-predictor for this app

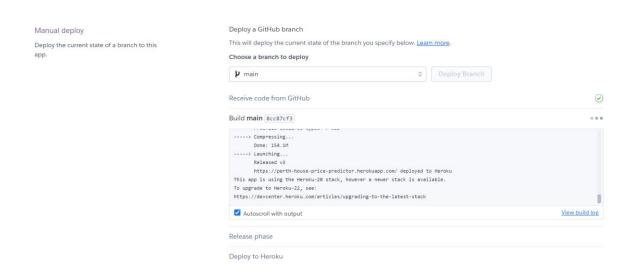


**Step 3.** Choose the buildpack through Settings -> Buildpacks -> Add buildpack and select Python

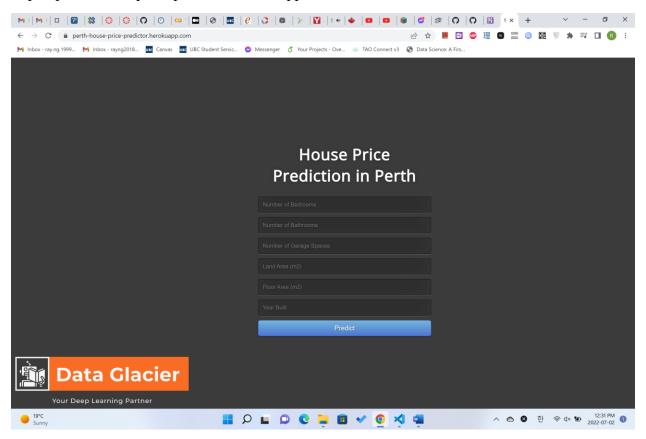
**Step 4.** Deploy the app in Heroku by going to Deploy -> Deployment method -> Select GitHub, and add the repository name, then click **Search** and **Connect** 



**Step 5.** Click **Deploy Branch** under Manual deploy to deploy the app to Heroku. Then a console message such as below should appear



**Step 6.** Click **View** once the deployment is complete. This should launch the app under the URL https://perth-house-price-predictor.herokuapp.com/



**Step 7.** Add variables in each field, then click predict to get a predicted price for a house of the given characteristics. As an example, the following variables give a prediction of \$552991.32

