



Deployment on Cloud

Name: Abishek James

Batch Code: LISUM19

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Submitted to: Data Glacier

Submitted link: <https://github.com/abishekjames/Data-Glacier-week5>

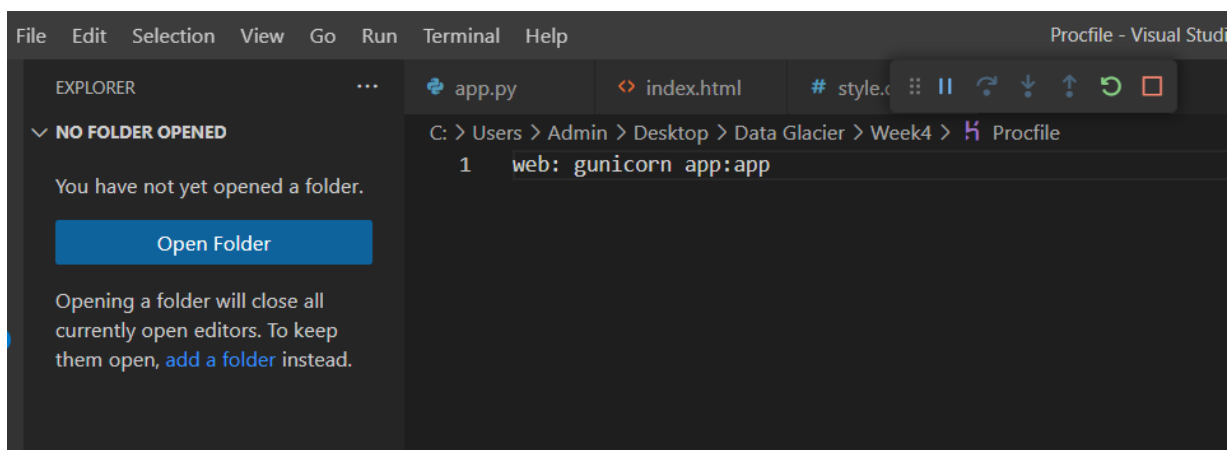
Deployment on Heroku

1) For deploying any model, the very important file is **requirements.txt**. In this all the libraries and dependencies are mentioned. Be careful while creating this file. Use below line to freeze(create) your requirement file in the end.

```
pip freeze > requirements.txt
```

2) Create **Procfile** for Heroku

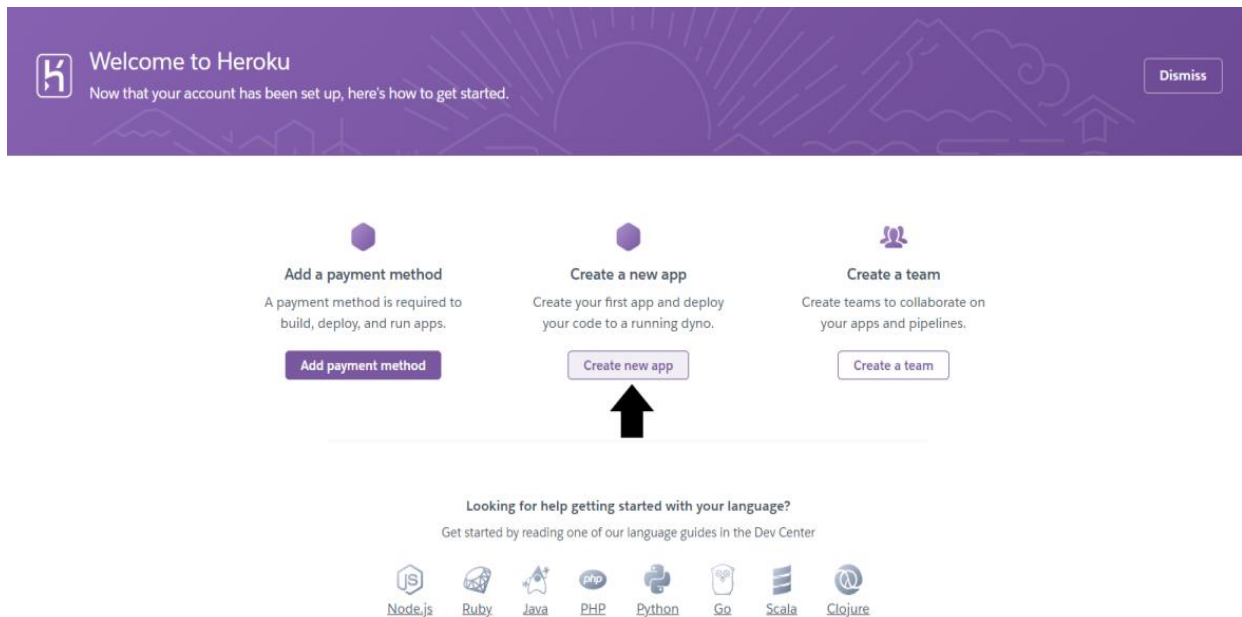
Write the name of the **app** according to the name given in **app.py**



3) Upload the files to the GitHub repository.

4) To deploy the model on Heroku, create an account on **Heroku**. Please use python as programming language while setting up the account.

5) After that sign up and then **create a new app**



6) Enter the app name and choose the region

Create New App

App name

car-price-prediction-

car-price-prediction- is available

Choose a region


United States

Add to pipeline...


Create app Cancel

7) Connect your GitHub repository to Heroku.


Add this app to a stage in a pipeline to enable additional features




Pipelines let you connect multiple apps together and **promote code** between them. [Learn more.](#)



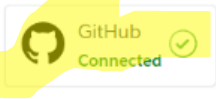
Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. [Learn more.](#)




Choose a pipeline



Heroku Git
Use Heroku CLI




GitHub
Connected



Container Registry
Use Heroku CLI

8) Deploy your branch




You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more.](#)

Choose a branch to deploy



main

☐ Wait for CI to pass before deploy


Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys


Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more.](#)

Choose a branch to deploy






main


Deploy Branch 

9)Deployment is done to Heroku and you will get the URL.

<https://car-price-prediction-app.herokuapp.com/>

 Personal >  car-price-prediction-app

 abishekjames/Data-Glacier-intern-week4

 Open app More

Overview Resources Deploy Metrics Activity Access Settings

Activity Feed > Build Log

ID 3f88be82-963f-4aff-81d6-3be5c409f595

```
Building wheel for jsonify (setup.py): started
Building wheel for jsonify (setup.py): finished with status 'done'
Created wheel for jsonify: filename=jsonify-0.5-py3-none-any.whl size=1538 sha256=8ce7ffe046d590263c9dae0243e8aeae6b1d03893bc374d53dfe71c24e308154
Stored in directory: /tmp/pip-ephem-wheel-cache_ro7e3jn/wheels/8b/0b/70/cd8a2f72ec6e8dbab2d7fffe3e8a545f4d152255cc7e8541f5
Building wheel for MarkupSafe (setup.py): started
Building wheel for MarkupSafe (setup.py): finished with status 'done'
Created wheel for MarkupSafe: filename=MarkupSafe-1.1.1-cp311-cp311-linux_x86_64.whl size=17169 sha256=890711d84baf57dd158a9e760a43ac39df98ffedc4cb33d8cb529a26a04494c2
Stored in directory: /tmp/pip-ephem-wheel-cache_ro7e3jn/wheels/42/2c/24/ee2a56da668805256e7c1b1d51ae9b177360788cabcdf5b9c1
Successfully built jsonify MarkupSafe
Installing collected packages: wincertstore, jsonify, chardet, certifi, Werkzeug, urllib3, threadpoolctl, numpy, MarkupSafe, joblib, itsdangerous, idna, gunicorn, click,
scipy, requests, Jinja2, scikit-learn, Flask
Successfully installed Flask-1.1.2 Jinja2-2.11.2 MarkupSafe-1.1.1 Werkzeug-1.0.1 certifi-2020.6.20 chardet-3.0.4 click-7.1.2 gunicorn-20.1.0 idna-2.10 itsdangerous-1.1.0
joblib-1.2.0 jsonify-0.5 numpy-1.24.2 requests-2.24.0 scikit-learn-1.2.2 scipy-1.10.1 threadpoolctl-2.1.0 urllib3-1.25.9 wincertstore-0.2
-----> Discovering process types
Procfile declares types -> (none)
-----> Compressing...
Done: 104M
-----> Launching...
Released v4
https://car-price-prediction-app.herokuapp.com/ deployed to Heroku

Build finished
```

☐ Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more.](#)

Choose a branch to deploy

 main

Deploy Branch

Receive code from GitHub



Build main 798c1ebe



Release phase



Deploy to Heroku



Your app was successfully deployed.

 View