

Project Report

Name: Model Deployment on API, Heroku

Report date: October 4th 2022

Internship Batch: LISUM13:30

Version: 1.0

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Data storage location: <https://github.com/devikachandnani/api-heroku-deployment>

Step 1, Supplementary Files

In addition to last week's model, app and html file, we will now need a few other files that will define dependencies to deploy the app on Heroku.

A) runtime.txt

This file defines what version of Python we will be using.

```
runtime.txt
1 python-3.9.12
```

B) requirements.txt

This file specifies all the necessary libraries and their versions so that the app knows which version to use over time even as updates come along.

```
requirements.txt
1 flask==1.1.2
2 pandas==1.4.2
3 numpy==1.21.5
4 requests==2.27.1
5 pickle4
6 gunicorn
7 scikit-learn==1.0.2
```

C) Procfile

This necessary procfile is what specifies we will be using the unicorn server

```
Procfile
1 web: gunicorn app:app
```

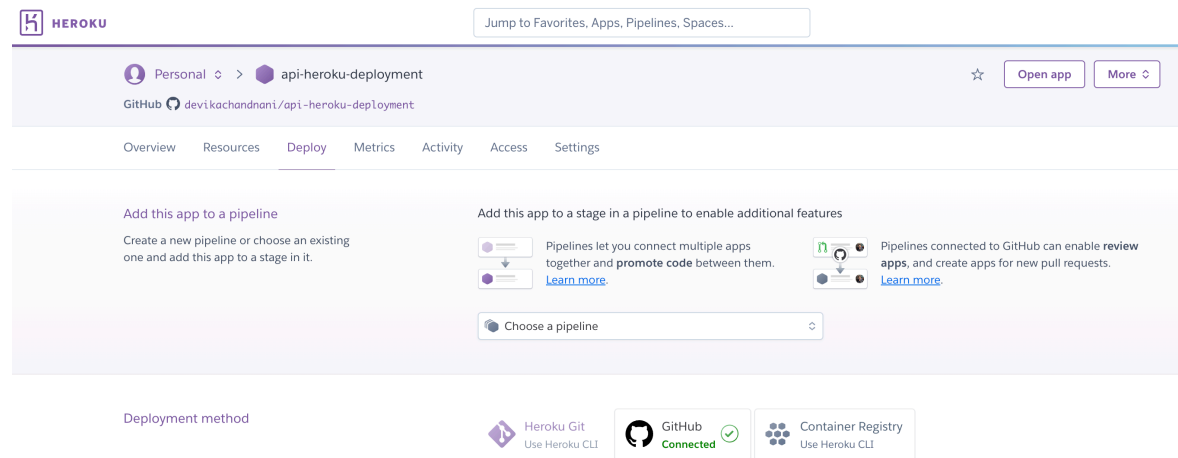
Step 2, Pushing to Github

Next, we will push our model and files to github.



Step 3, Connect Heroku to Github

We will connect our GitHub repo to Heroku so that the code is accessible by the platform



Step 4, Deploy to Heroku

