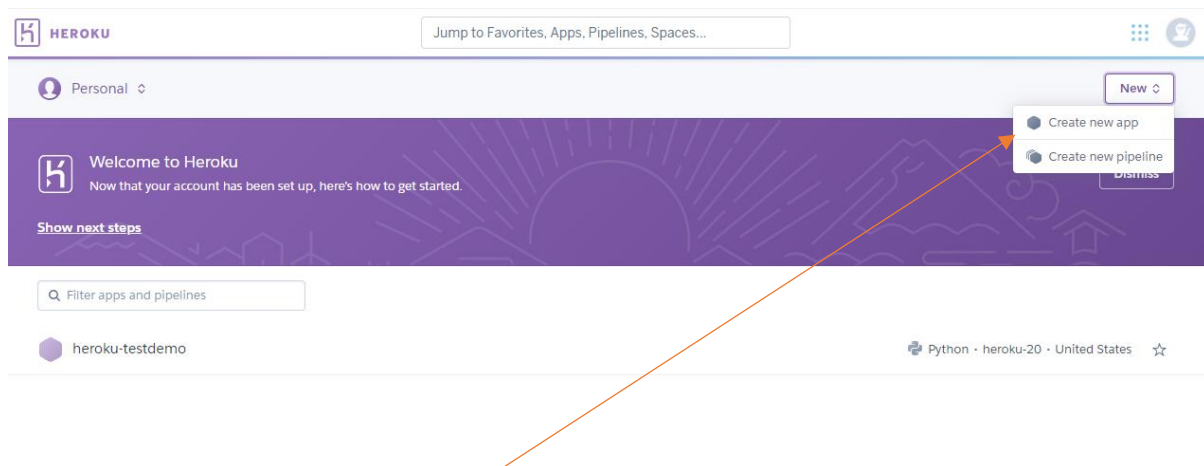


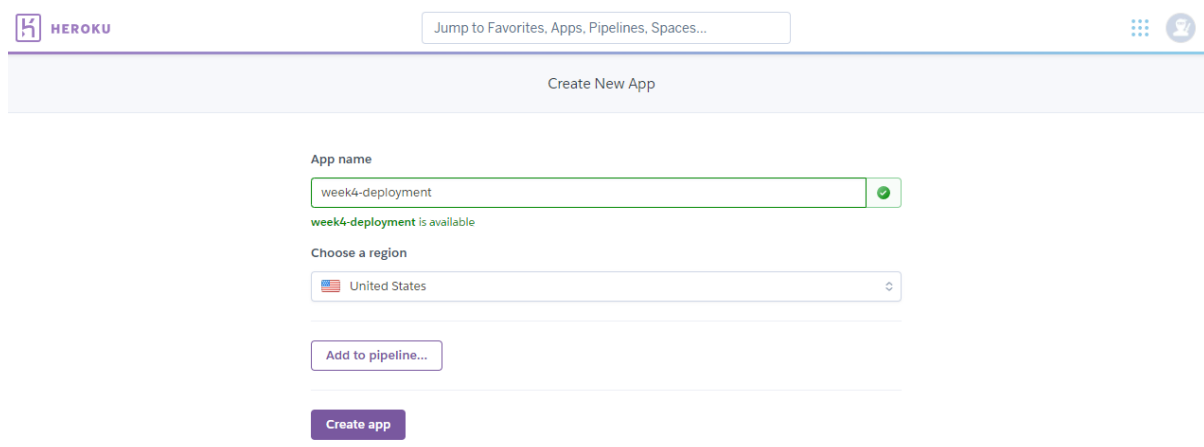
First, ensure that all the deployment files are prepared. They are:

- Requirements.txt (must contain the required requirements for deployment)
- Procfile (to tell Heroku how to deploy)
- App.py (file to tell how to react)
- Other frontend html, css, files that are required.

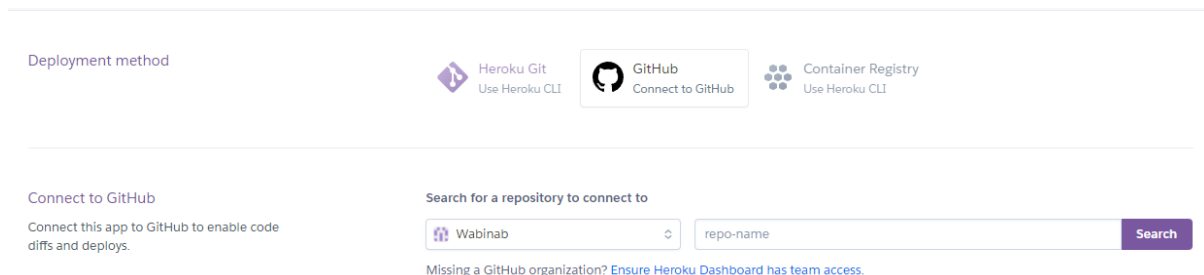
Then, we shall start the deployment.



Click on “Create new app”



Give it a name and click “Create app”




We are deploying from Github, so we need to connect to Github. Get your Github username and either you can enter a “repo-name” or leave it empty and click “Search” (if you don’t have lots of repo, it returns all repo). I did the second one.

Connect to GitHub

Connect this app to GitHub to enable code diffs and deploys.



















Search for a repository to connect to

 Wabinab

repo-name

Search

Missing a GitHub organization? [Ensure Heroku Dashboard has team access](#)

 Wabinab/qchack_team37	Connect
 Wabinab/ML_examples	Connect
 Wabinab/ariel_ml_2021	Connect
 Wabinab/ApplePie	Connect
 Wabinab/eye_of_ml	Connect
 Wabinab/TPU_utility	Connect
 Wabinab/Learning_fastai	Connect
 Wabinab/fastai	Connect
 Wabinab/DataSets	Connect
 Wabinab/fastai_lesson2	Connect
 Wabinab/hackqthon_team27	Connect
 Wabinab/intern_Deployment	Connect
 Wabinab/fastai-coursenlp-v2_rewrite	Connect
 Wabinab/heroku-test-demo	Connect
 Wabinab/ML_AI	Connect
 Wabinab/tsai	Connect
 Wabinab/Wabinab.github.io	Connect
 Wabinab/neurips2021-rl-games	Connect

Find your repo and click connect. For one’s case, it’s “Wabinab/Intern_Deployment”

Automatic deploys


Enables a chosen branch to be automatically deployed to this app.

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

We are not changing the branch because we only have main. We are also **not** using “Enable Automatic Deploys”.

Manual deploy

Deploy the current state of a branch to this app.

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

Click on the “Deploy Branch”.

Then we must wait for it to build, release and deploy to Heroku (which takes some time depending on what requirements it needs to install, and compress etc). After finish, it should look like this.

Receive code from GitHub	✓
Build main 96e67c1d	✓
Release phase	✓
Deploy to Heroku	✓

Your app was successfully deployed.

[View](#)

Click on “View” to view your website. If it successfully deployed you should look something like the below.

Note:

If your Heroku does deploy but you cannot go to the endpoint, that means there are errors in your code. Ensure you run “python -m app” during testing phase to see whether it works or not first before committing to github and deploy. One ever encounter this problem because forgetting the Procfile, forgetting to include required requirements (gunicorn, etc) used for deployment. One also encounters larger than 500MB size (limit for free Heroku deployment) due to using fastai’s library hence when predicting it cannot be used.

Predict KM Travelled

Let's try some values

Predict KM Travelled

20/10/2016

yellow cab

austin tx

598.46

408.63

Predict

And click “Predict”

Predict KM Travelled

Date of Travel (DD/MM/YYYY)

Company

City

Price Charged

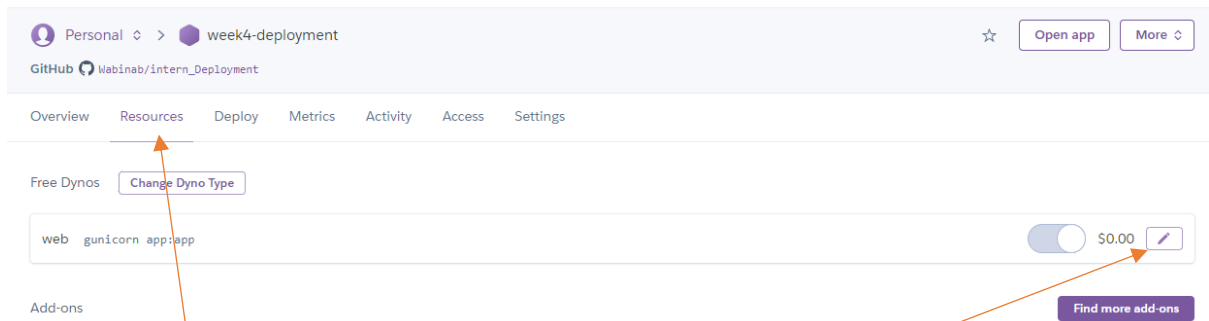
Cost of Trip

Predict

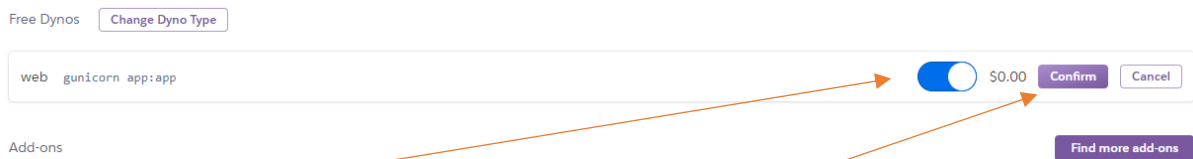
KM Travelled: 30.864 km.

Successful.

After finish, ensure you tear down the deployment



Go to “Resources” tab (from “Deploy” tab) and click on this to tear down.



Click on this to disable and click “Confirm”.

This is important for future deployment (one thinks there are a limit to how many deployment you can do and how much requests you could make, or they wouldn't be a free tier and paid tier).