Name: Laith Adi | Submission Date: Sun April 4, 2021 | Batch Code: LISP01

Data Glacier
Week 5 – Model Deployment on Heroku

Object

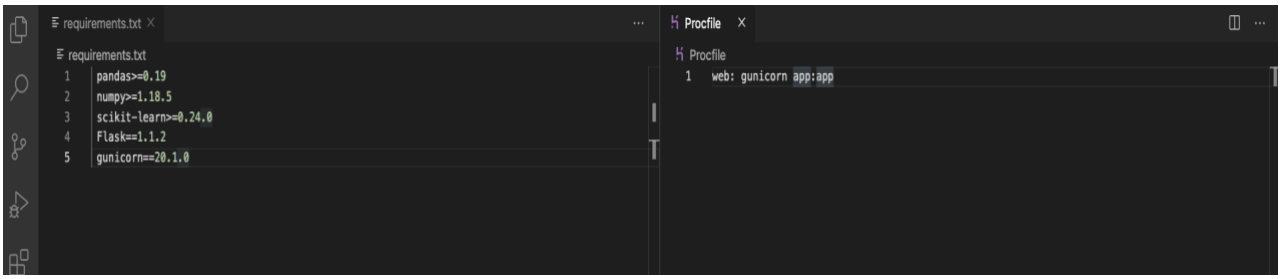
We are going to use the same model from week 4 that we trained to predict housing prices to deploy on Heroku. The steps are pretty straight forward so they will be shown below with an image for clarification.

Steps

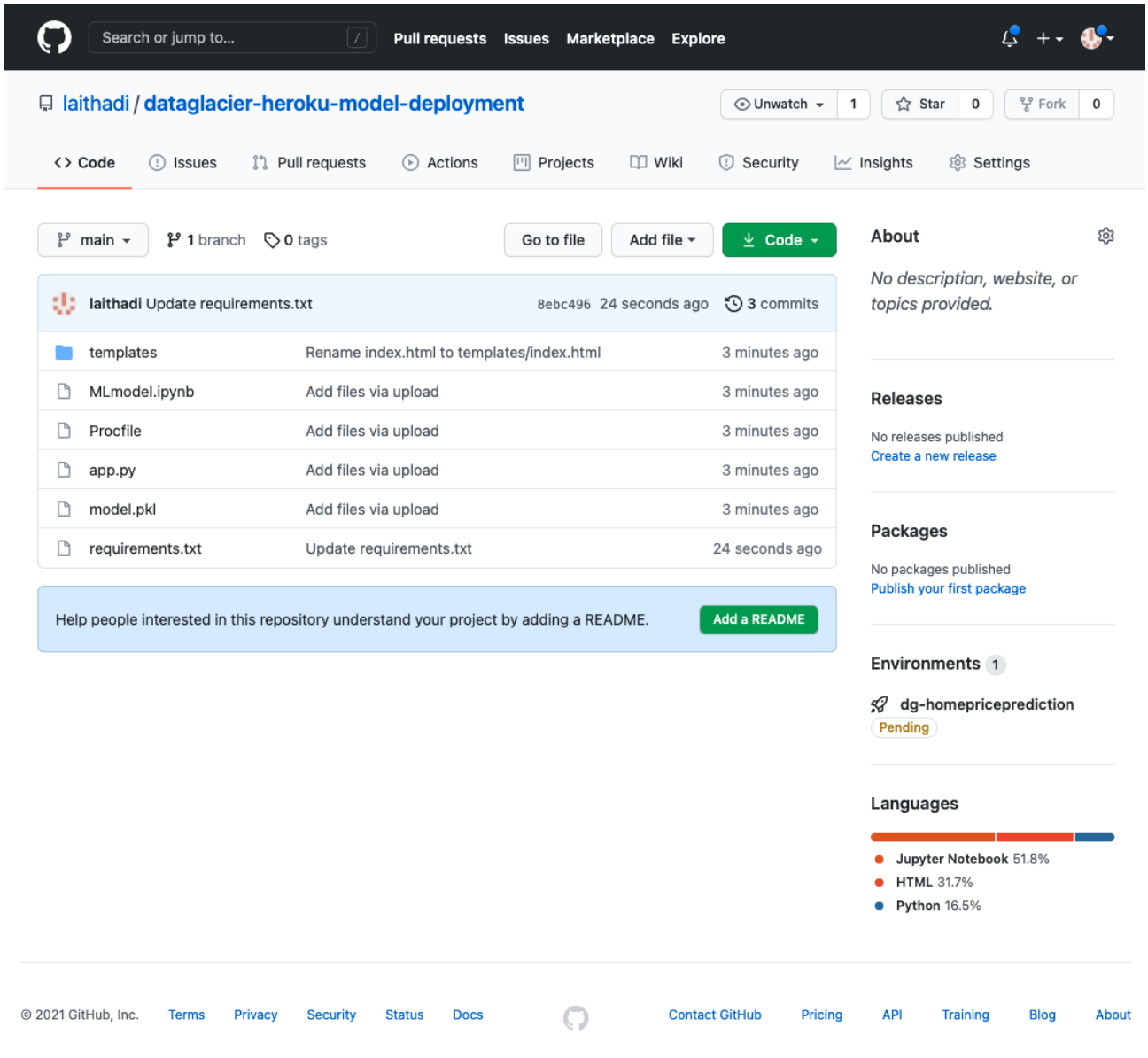
First, we need to create two new files in our directory. The first file will be called "Procfile", and the second file will be called "requirements.txt".

The "Procfile" will contain the information for Heroku to know which file to run first and what the name of our Flask app is called. In our case the file and app are called the same, "app".

The "requirements.txt" file will contain all the packages that we need to run the app.



The second step is to create a new repository in GitHub to store all the relevant files for the web application.



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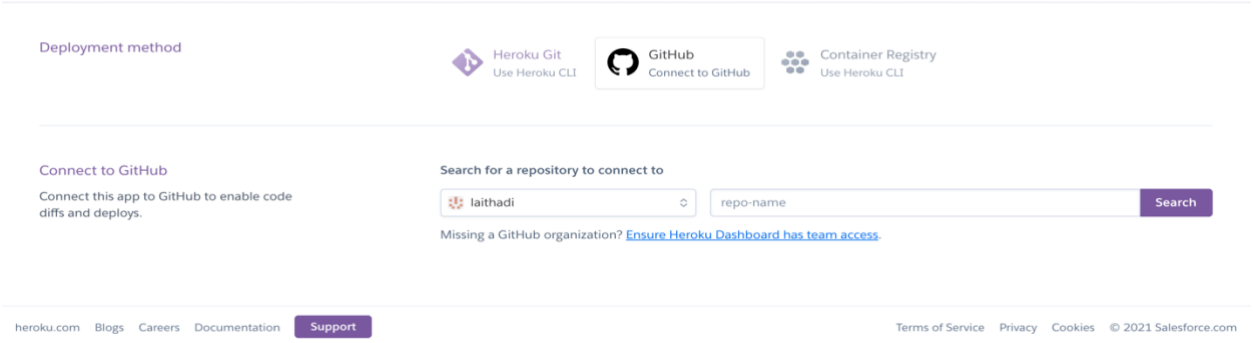
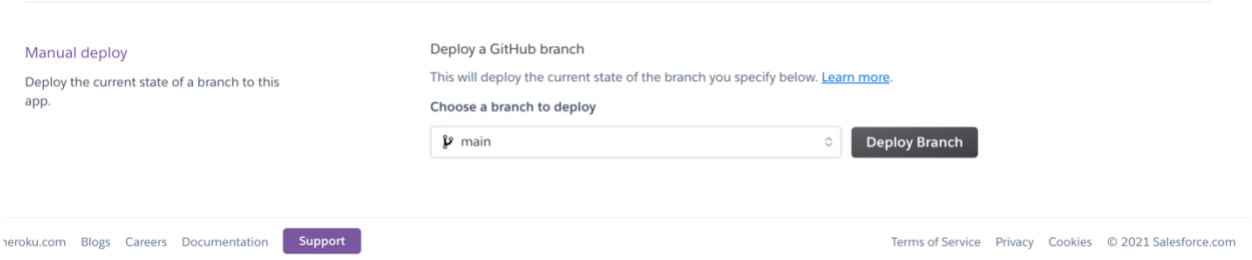
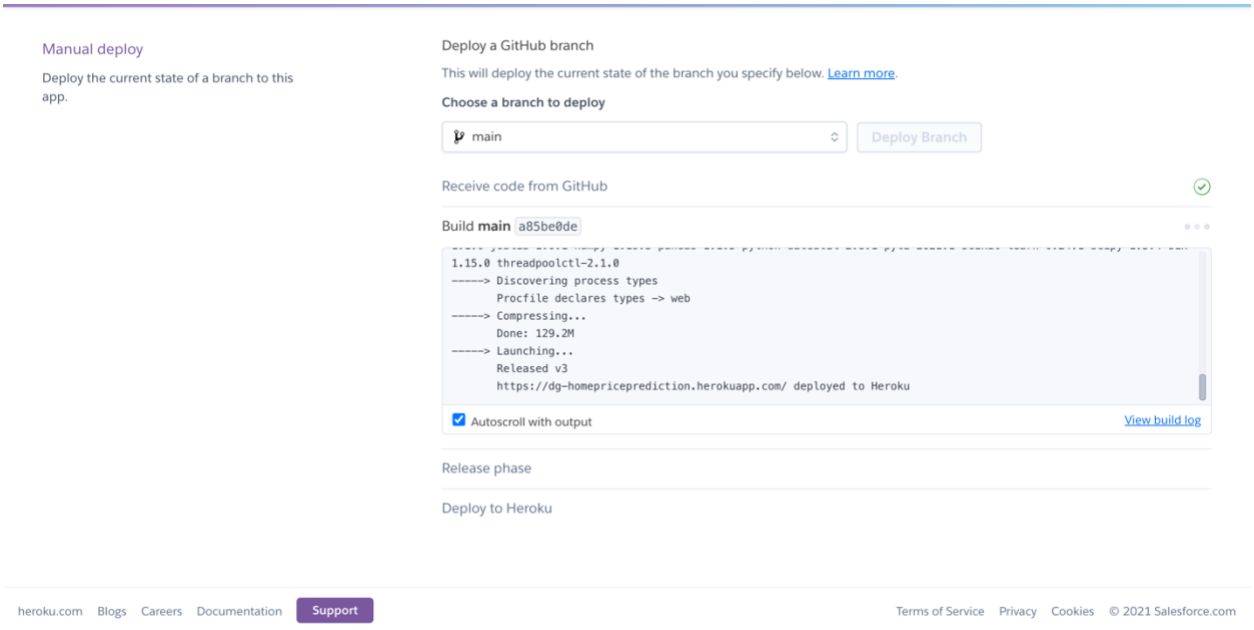
Now, we log into our Heroku account and create a new app. We then connect to our repository through GitHub, deploy the branch, and wait for the requirements to install.







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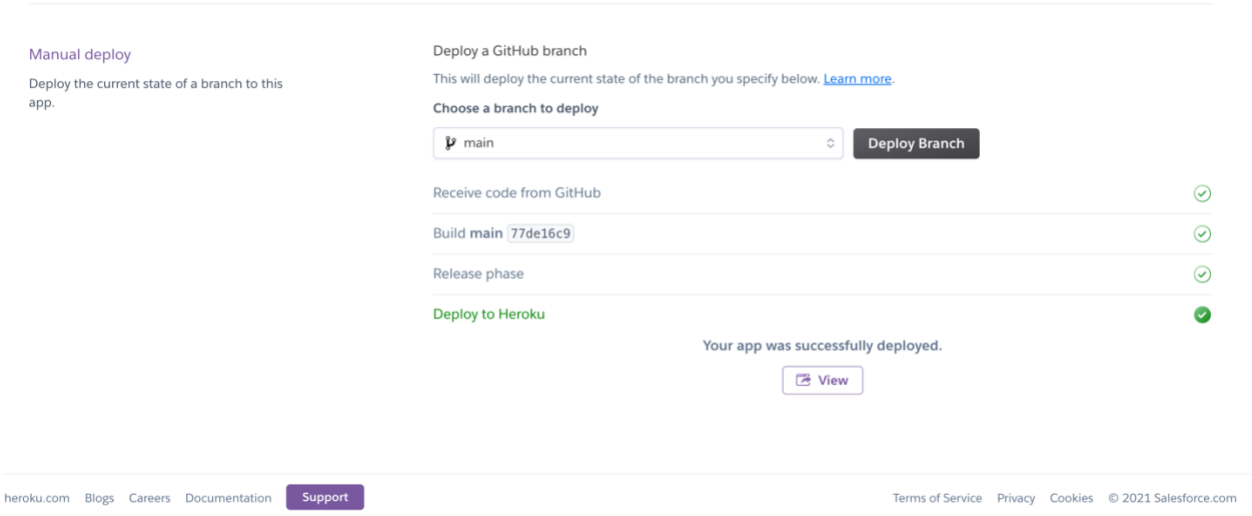

Now our model is deployed, we can visit the link and test it out. As we can see in the image below, it fully works, and we have successfully deployed the modal on Heroku.