

Deploying a Regression model on Heroku

Changes to the files

1. Add **gunicorn==20.0.4** to **requirements.txt**
2. Create a **Procfile** to the root folder **linModelFlask** without giving it an extension. I recommend using an IDE like VS Code so that you can create the file without an extension.
If you try creating the file directly on your File Explorer, you will have to use an extension like .txt which won't work for Heroku.
3. On the Procfile you've created, write the following exactly as it is. It should be the only line on the file:
web: gunicorn app:app

Heroku

Installation:

1. Create a new app by going to <https://dashboard.heroku.com/new-app>
Give the app a unique name, and click **Create app**.

App name

Choose a region

 United States

 Add to pipeline...

Create app

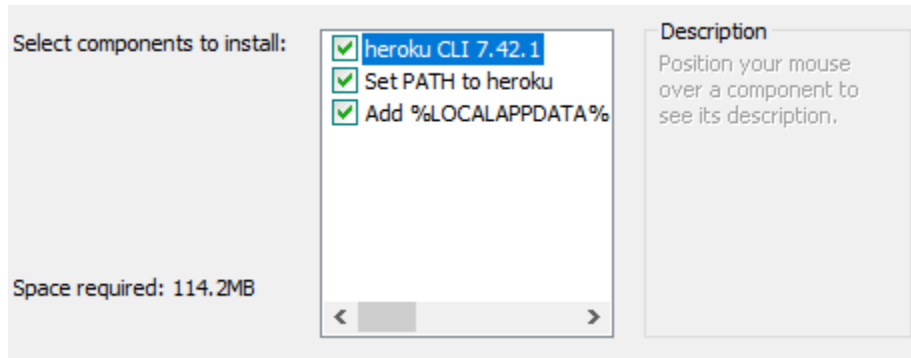
This should take you to the Deploy tab.

2. Scroll down and view the instructions for installing Heroku. We will be using the **Heroku Git** Deployment method.



Heroku Git
Use Heroku CLI

3. Go to <https://devcenter.heroku.com/articles/heroku-command-line> to download Heroku CLI for your Operating System and install it.
Make sure all the following options are checked.



Click Next and Install.

The Heroku CLI will allow you to access your Heroku repository from Command Line.

You also need to install Git by going to <https://git-scm.com/downloads> and downloading the installation file for your OS. Set it up using default settings recommended.

Create a new Git repository

1. Open your Command Prompt and navigate to the folder with the project i.e **linModelFlask**.
You can do this using the **cd command**. For instance, my folder was in the **Downloads** so I did: **cd Downloads\linModelFlask-20200604T135024Z-001\linModelFlask**
2. Run **git init** on your command line. If it throws an error, git was not installed properly.
3. Run **heroku git:remote -a <the unique name you gave your app>**.
Use the name of your app after the **-a** and remove the **<>** and fullstop.

Deploy the App

1. Run the following commands separately in this order:
 - **git add .**
 - **git commit -am "first commit"**
 - **git push heroku master**
2. Go to **Resources** which is at the top of your page next to **Deploy**.
3. You will see the following information which is similar to what you put in the Procfile.



Click the Edit button on the far right to turn on the Dyno by clicking the turn on button. Confirm this change.



You can now open the app using the **Open App** button or typing

<your app name>.herokuapp.com