

MBAREK Raouene
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Heroku Deployment

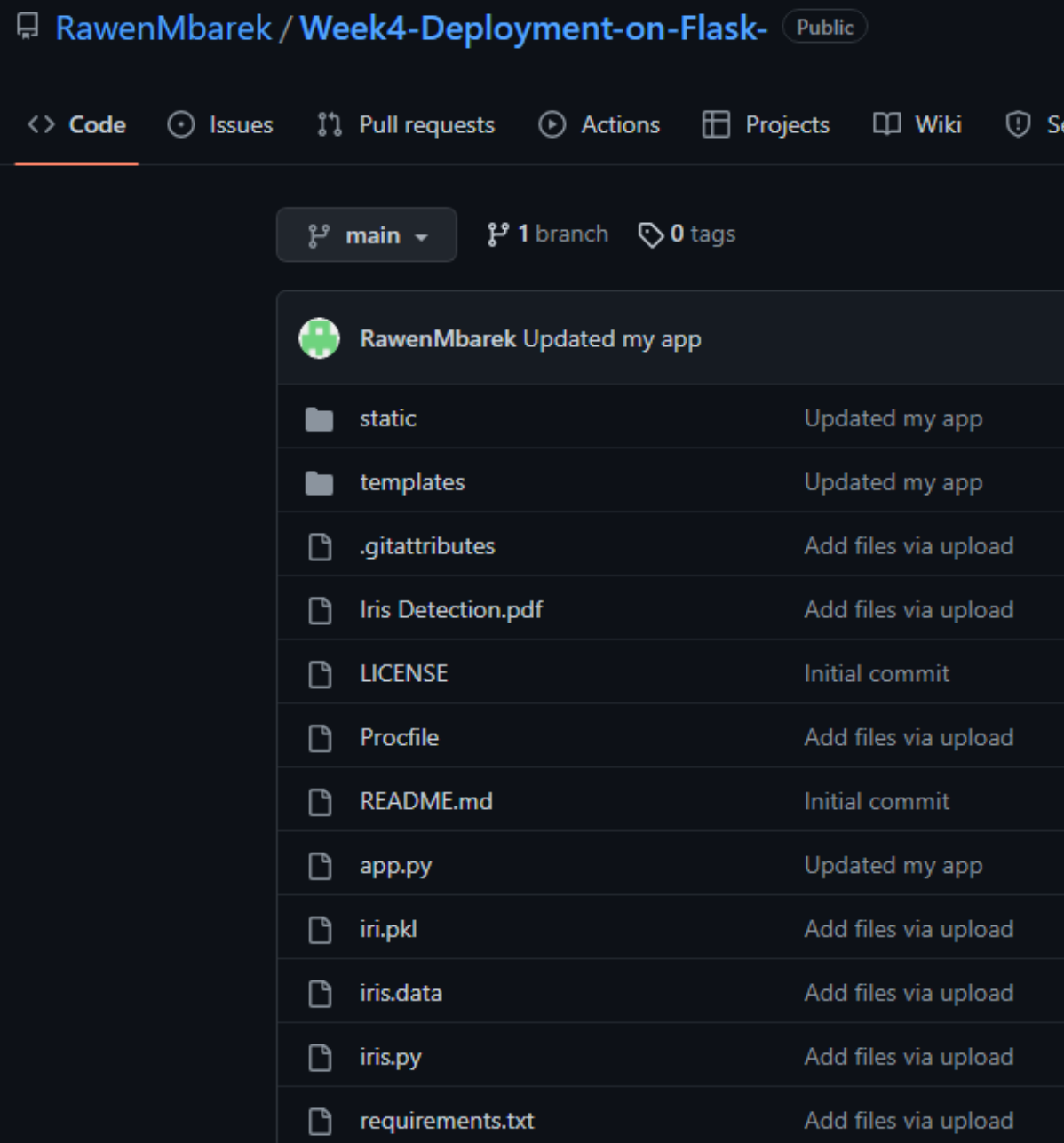
DATA GLACIER
Virtual internship

For this week I'm going to deploy a machine learning application (that I created last week using flask) on Heroku.

<<[RawenMbarek/Week4-Deployment-on-Flask-: Machine learning APP \(github.com\)](https://github.com/RawenMbarek/Week4-Deployment-on-Flask-)>>

First, I created a free account on Heroku,

after pushing our application on GitHub and all the files needed to deploy it successfully (requirements file is necessary for this task).



RawenMbarek / Week4-Deployment-on-Flask- Public


<> Code Issues Pull requests Actions Projects Wiki Se

main 1 branch 0 tags

RawenMbarek Updated my app

static	Updated my app
templates	Updated my app
.gitattributes	Add files via upload
Iris Detection.pdf	Add files via upload
LICENSE	Initial commit
Procfile	Add files via upload
README.md	Initial commit
app.py	Updated my app
iri.pkl	Add files via upload
iris.data	Add files via upload
iris.py	Add files via upload
requirements.txt	Add files via upload

I created an application on Heroku named “[heroku-iris-ml-application](#)”

 heroku-iris-ml-application

 Python • heroku-20 • Europe ☆

Then I connected it with my GitHub repository

App Name

heroku-iris-ml-application

Region

 Europe

Stack

heroku-20

[Upgrade Stack](#)


Framework

 Python

Slug size

135.6 MiB of 500 MiB

GitHub repo

 [RawenMbarek/Week4-Deployment-on-Flask-](#)

Heroku git URL

<https://git.heroku.com/heroku-iris-ml-application.git>

after that, I started building the application

Receive code from GitHub



Build main `0fc07c85`



```
Collecting threadpoolctl>=2.0.0
  Downloading threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
Collecting six>=1.5
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: pytz, threadpoolctl, six, numpy, MarkupSafe, joblib, itsdangerous, gunicorn, click, Werkzeug, scipy, python-dateutil, Jinja2, scikit_learn, pandas, Flask
```

And it was successfully deployed.

Receive code from GitHub



Build main `0fc07c85`



Release phase



Deploy to Heroku

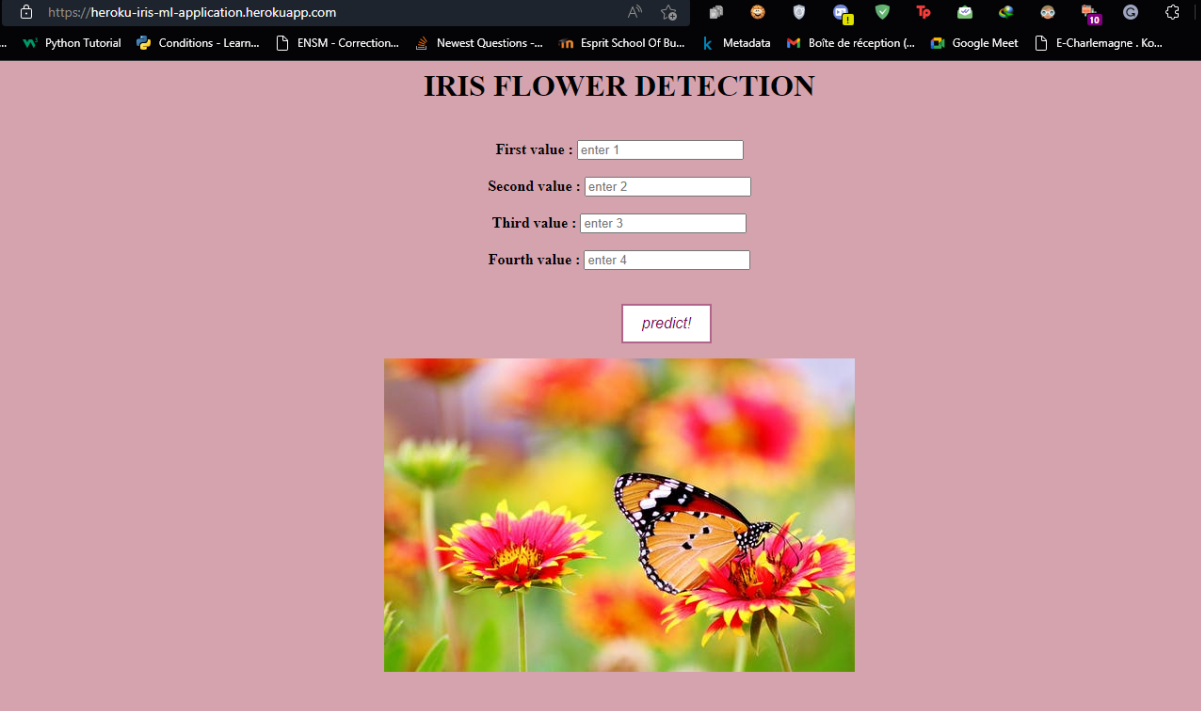


Your app was successfully deployed.

 View



All we have to do is test the URL provided by Heroku.



<< <https://heroku-iris-ml-application.herokuapp.com> >>







The screenshot shows a web browser window with the URL <https://heroku-iris-ml-application.herokuapp.com>. The page has a pink background and is titled "IRIS FLOWER DETECTION". It contains four input fields labeled "First value :", "Second value :", "Third value :", and "Fourth value :", each with a placeholder "enter 1", "enter 2", "enter 3", and "enter 4" respectively. Below these fields is a button labeled "predict!". At the bottom of the page is a photograph of a butterfly on a pink flower.



And it is perfectly working.



  raouene.mbarek@esprit.tn: Deployed 4c70dcef
Aug 15 at 8:00 PM · v4 · [Compare diff](#)

  raouene.mbarek@esprit.tn: Build succeeded
Aug 15 at 7:59 PM · [View build log](#)

  raouene.mbarek@esprit.tn: Deployed 0fc07c85
Aug 15 at 7:29 PM · v3

  raouene.mbarek@esprit.tn: Build succeeded
Aug 15 at 7:28 PM · [View build log](#)

  raouene.mbarek@esprit.tn: Enable Logplex
Aug 15 at 7:14 PM · v2

  raouene.mbarek@esprit.tn: Initial release
Aug 15 at 7:14 PM · v1

