

HOSTING THE APP ON HEROKU - ASSIGNMENT 5

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Batch code: LISP01
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STEP BY STEP FOR MODEL DEPLOYMENT

Step One: Create the Requirement.txt File

```
requirements.txt
1  Flask==1.1.2
2  Flask-Material==0.1.1
3  matplotlib==3.3.2
4  numpy==1.18.5
5  pandas==1.1.3
6  scikit-learn==0.23.2
7  seaborn==0.11.0
8  gunicorn==20.0.4
9  |
```

Step Two : Create the Profile- we use the Gunicorn Professional Web server

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

Step Three : Download Heroku CLI and Login to the Heroku

MINGW64; c:/Users/hp/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier

```
hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$ heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/e3701155-2acc-4ce9-a16b-3d181d382715?requestor=SFMyNTY.g
2gDbQAAAAAwMDIuODkuMi4yNTFuBgDVR1Z6eAFiAAFRgA.9d_tLKKKToGFxtEjkoldfZNPd1woCtJ2c4s2pgmjdrC
Logging in... done
Logged in as ajaegbu35@gmail.com

hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$
```

Step Four: Create a Heroku app and Rename It

```
hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$ heroku create
Creating app... done, shielded-meadow-49347
https://shielded-meadow-49347.herokuapp.com/ | https://git.heroku.com/shielded-meadow-49347.git

hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$ heroku rename irisflask
Renaming iris-sml-app to irisflask... !
! Name irisflask is already taken

hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$ heroku rename iris-flower-flask-app
Renaming iris-sml-app to iris-flower-flask-app... done
https://iris-flower-flask-app.herokuapp.com/ | https://git.heroku.com/iris-flower-flask-app.git
! Don't forget to update git remotes for all other local checkouts of the app.
Git remote heroku updated

hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$
```

Step Five: Push Your Repo To Heroku

```
hp@DESKTOP-D2TRC2N MINGW64 ~/Desktop/GITREPO/Assignment 4 - Flask- Data Glacier (main)
$ git push heroku main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 2 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 622.34 KiB | 4.45 MiB/s, done.
Total 7 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Compressing source files... done.
remote: Building source:
remote:
remote: -----> Building on the Heroku-20 stack
remote: -----> Using buildpack: heroku/python
remote: -----> Python app detected
```

Successfully Craeted

```
cri-2020.12.5 click-7.1.2 cycler-0.10.0 gunicorn-20.0.4 itsdangerous-1.1.0 joblib-1.0.1 kiwisolver-1.3.1 matplotlib-3.3
.2 numpy-1.18.5 pandas-1.1.3 pillow-8.1.2 pyparsing-2.4.7 python-dateutil-2.8.1 pytz-2021.1 scikit-learn-0.23.2 scipy-1.
5.4 seaborn-0.11.0 six-1.15.0 threadpoolctl-2.1.0
remote: -----> Discovering process types
remote: Procfile declares types -> web
remote:
remote: -----> Compressing...
remote: Done: 139.6M
remote: -----> Launching...
remote: Released v8
remote: https://iris-flower-flask-app.herokuapp.com/ deployed to Heroku
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/iris-flower-flask-app.git
f04f6bc..d509e0a main -> main
```

Step Six: View it on the web browser

