

# Week5: API deployment

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Batch code: LISUM04

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Submitted to: Data glacier coordinators

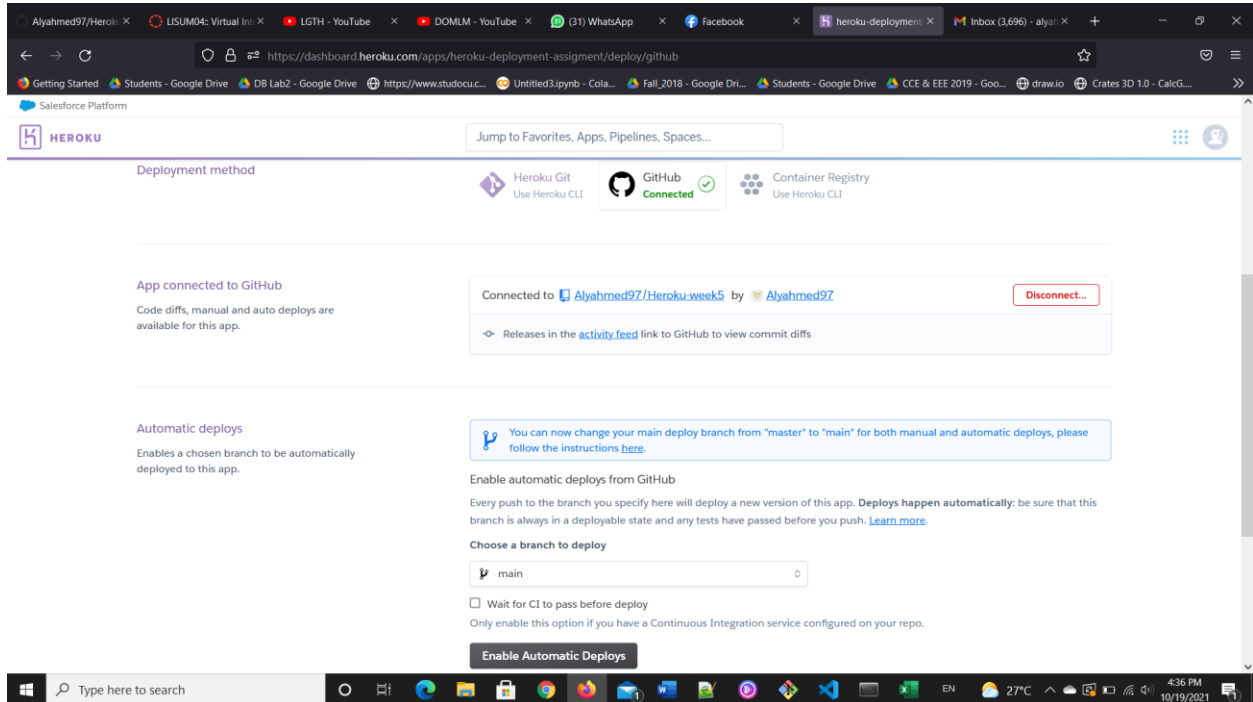
## 1-Uploading files on github repo:

The screenshot shows a web browser displaying the GitHub repository page for 'Alyahmed97/Heroku-week5'. The repository is public and has 1 branch and 0 tags. The file list includes:

File Name	Commit Message	Commit Time
templates	Add files via upload	5 minutes ago
LICENSE	Initial commit	3 days ago
Procfile	Update Procfile	41 minutes ago
README.md	Initial commit	3 days ago
home.html	Add files via upload	3 days ago
iris.csv	Add files via upload	3 days ago
model.pkl	Add files via upload	3 days ago
model.py	Add files via upload	3 days ago
output.html	Add files via upload	3 days ago
requirements.txt	Update requirements.txt	1 hour ago
server.py	Update server.py	38 minutes ago

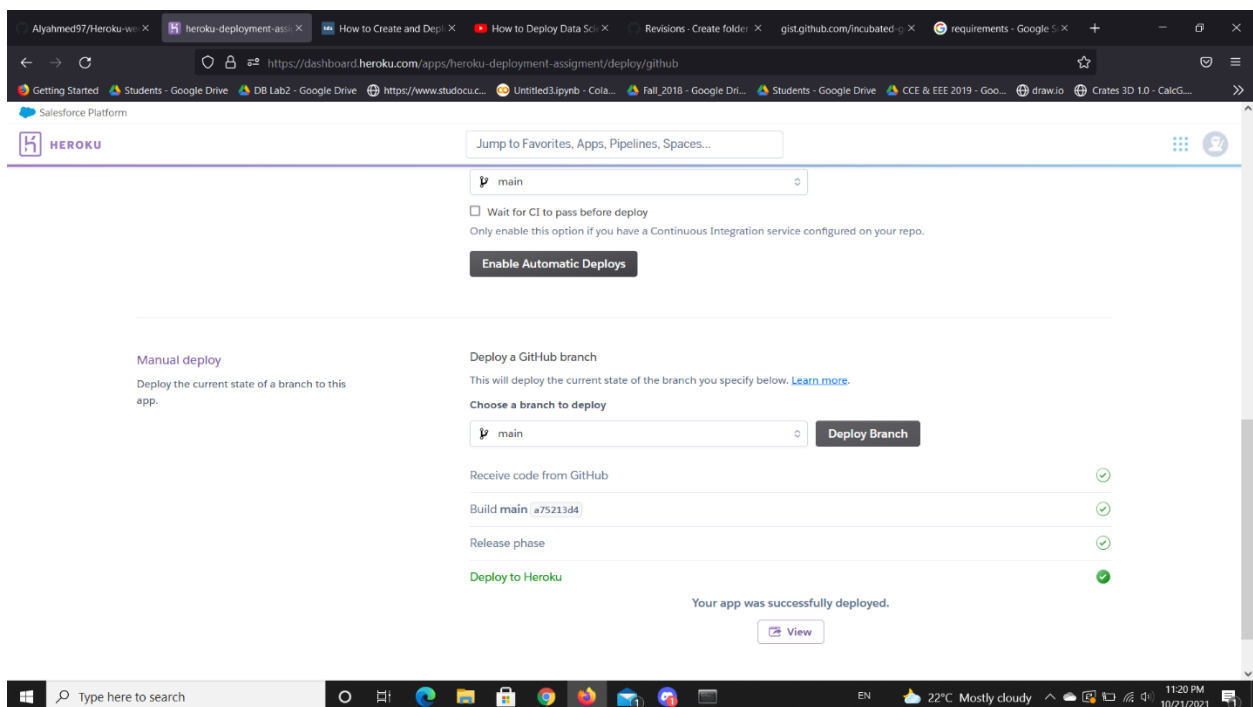
The repository page also shows the 'About' section with no description, website, or topics provided. The 'Releases' section shows no releases published. The 'Packages' section shows no packages published. The 'Environments' section shows one environment named 'heroku-deployment-assignment' which is active.

## 2-Connecting github repo to Heroku:



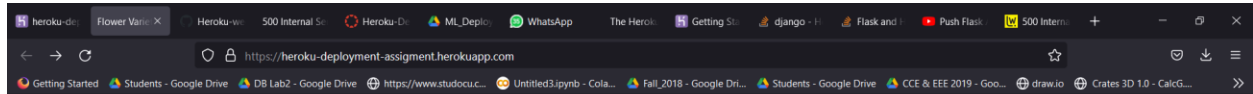
The screenshot shows the Heroku dashboard for the application 'heroku-deployment-assignment/deploy/github'. The 'Deployment method' section indicates that the app is connected to GitHub. The 'App connected to GitHub' status shows the repository 'Alyahmed97/Heroku-week5' and a 'Disconnect...' button. The 'Automatic deploys' section explains that code diffs, manual, and auto deploys are available for this app. It includes a message: 'You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).' Below this, it states 'Enable automatic deploys from GitHub' and provides instructions: '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](#).' A dropdown menu shows 'main' as the chosen branch to deploy. There is a checkbox for 'Wait for CI to pass before deploy' which is currently unchecked. A button 'Enable Automatic Deploys' is visible at the bottom of this section.

## 3-Deploying model on Heroku:



The screenshot shows the Heroku dashboard for the application 'heroku-deployment-assignment/deploy/github'. The 'Manual deploy' section is active, showing the 'Deploy a GitHub branch' status. It indicates that the current state of the branch specified below will be deployed. The 'Choose a branch to deploy' dropdown shows 'main'. A 'Deploy Branch' button is visible. Below this, a progress bar shows the deployment steps: 'Receive code from GitHub', 'Build main', 'Release phase', and 'Deploy to Heroku'. All steps are marked with green checkmarks, indicating a successful deployment. A message at the bottom states 'Your app was successfully deployed.' with a 'View' button.

## 4-Model deployed on Heroku:



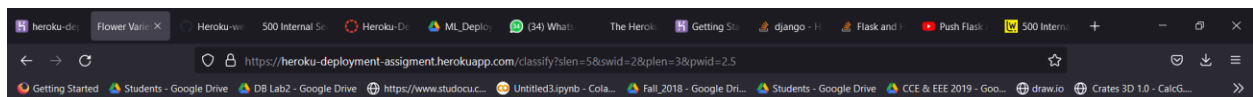
Flower Variety Classification

Sepal Length:

Sepal Width:

Petal Length:

Petal Width:



Versicolor

