Week 5

Heroku Deployment

Uday Vikram Singh

- Name: Uday Vikram Singh
- Batch code: LISUM17
- Submission date: 01/02/2023
- Submitted to: GitHub link submitted on dashboard

Notes: git repo has this document containing screenshots of deployment (submission_pdf_week_5). It also contains the .py scripts and templates needed to deploy the model.

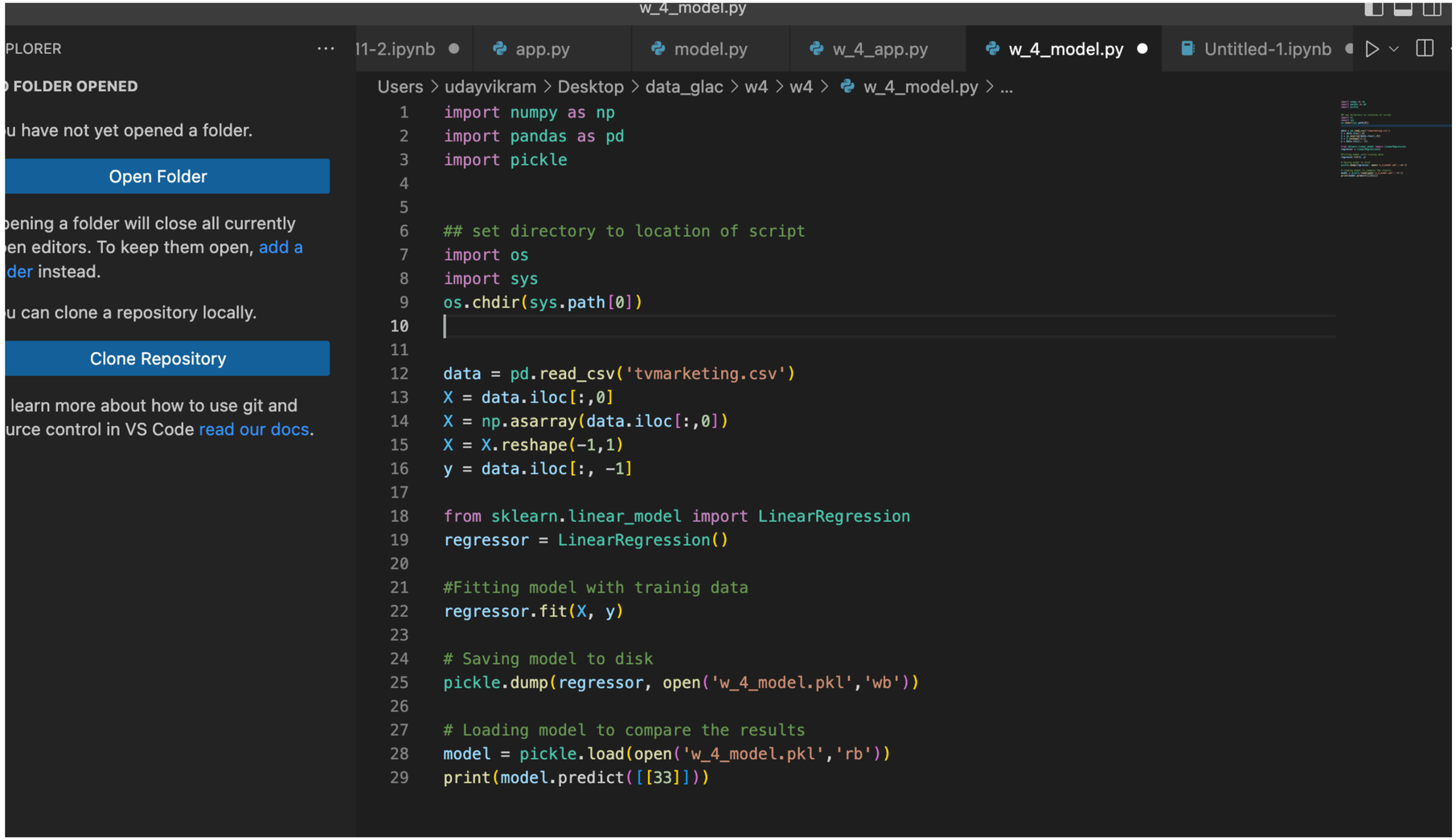
The model and app code is based on example provided in Heroku Deployment Code section of Resources in dashboard.

Changes had to be made to the requirements.txt file, runtime.txt had to be added, Profile had to be changed.

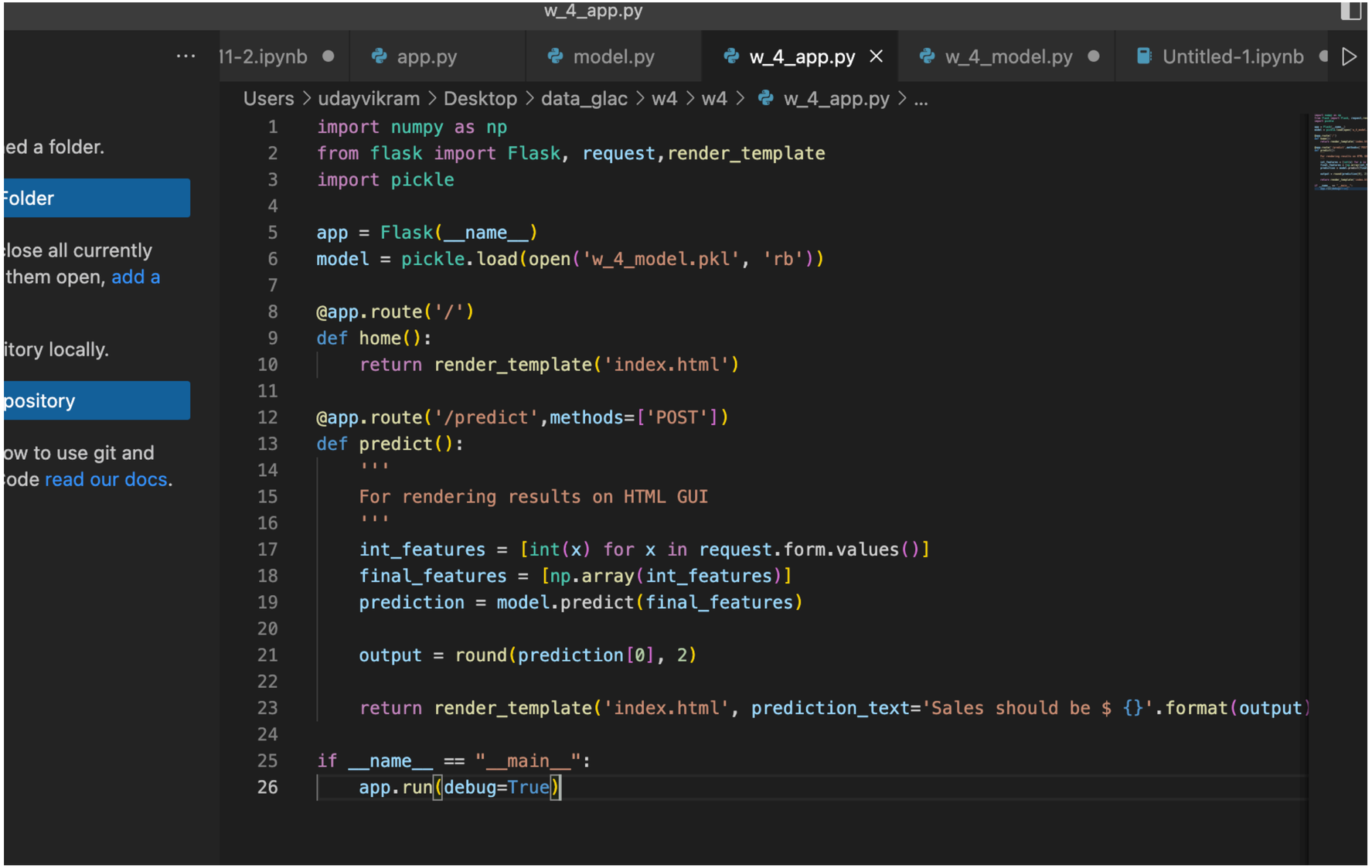
Data

- Name: tvmarketing.csv
- Columns: TV (marketing budget), Sales
- Rows: 200
- Source: https://www.kaggle.com/datasets/devzohaib/tvmarketingcsv
- About: Data has only one independent variable (X). This makes it suitable for a toy model.

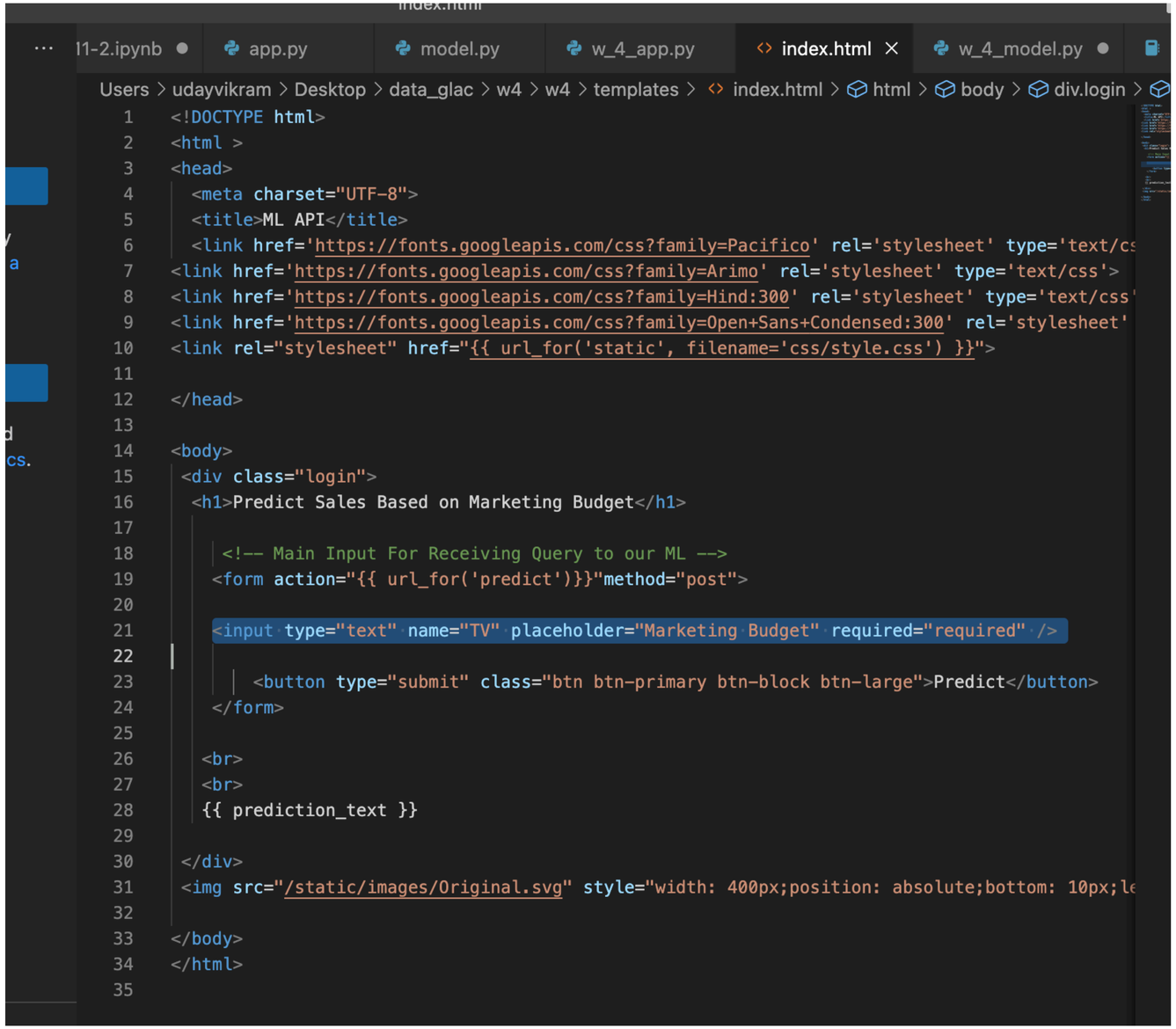
Load data and Build Model



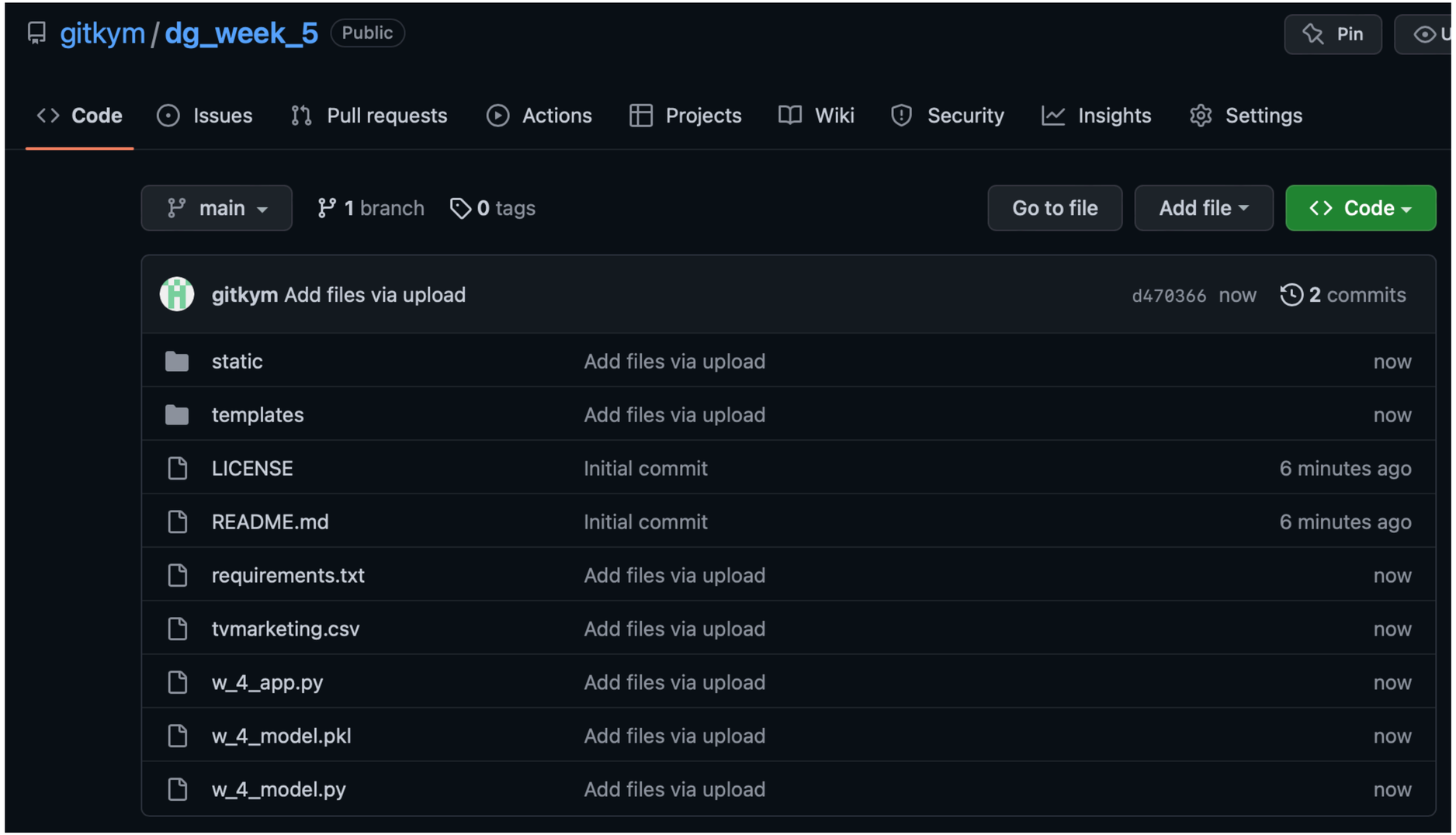
Write app for deployment



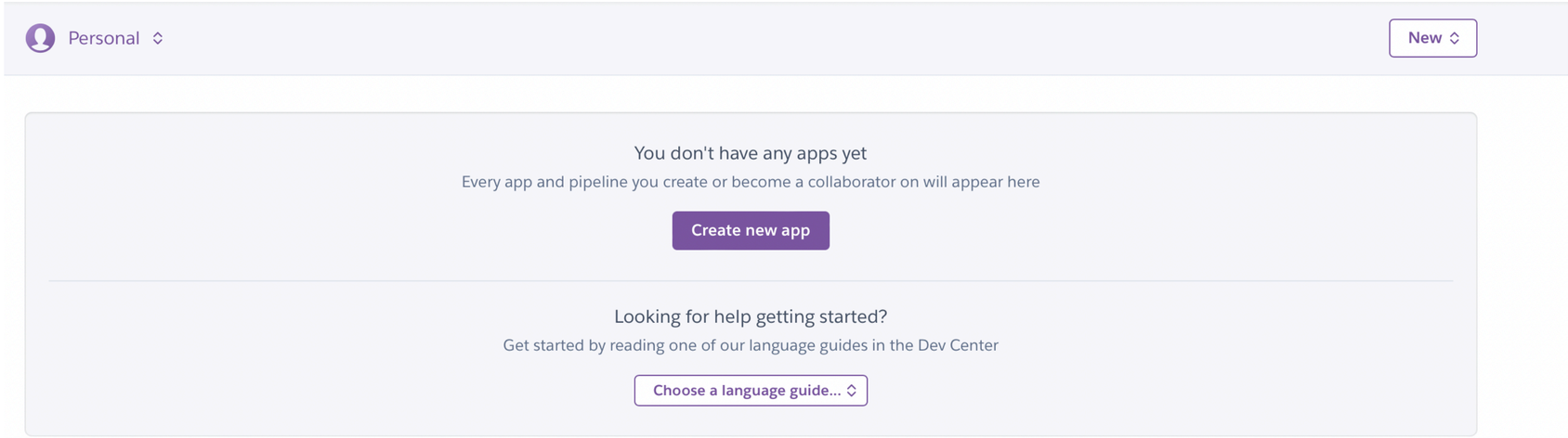
Edit HTML to ask correct prompt (based on dataset)

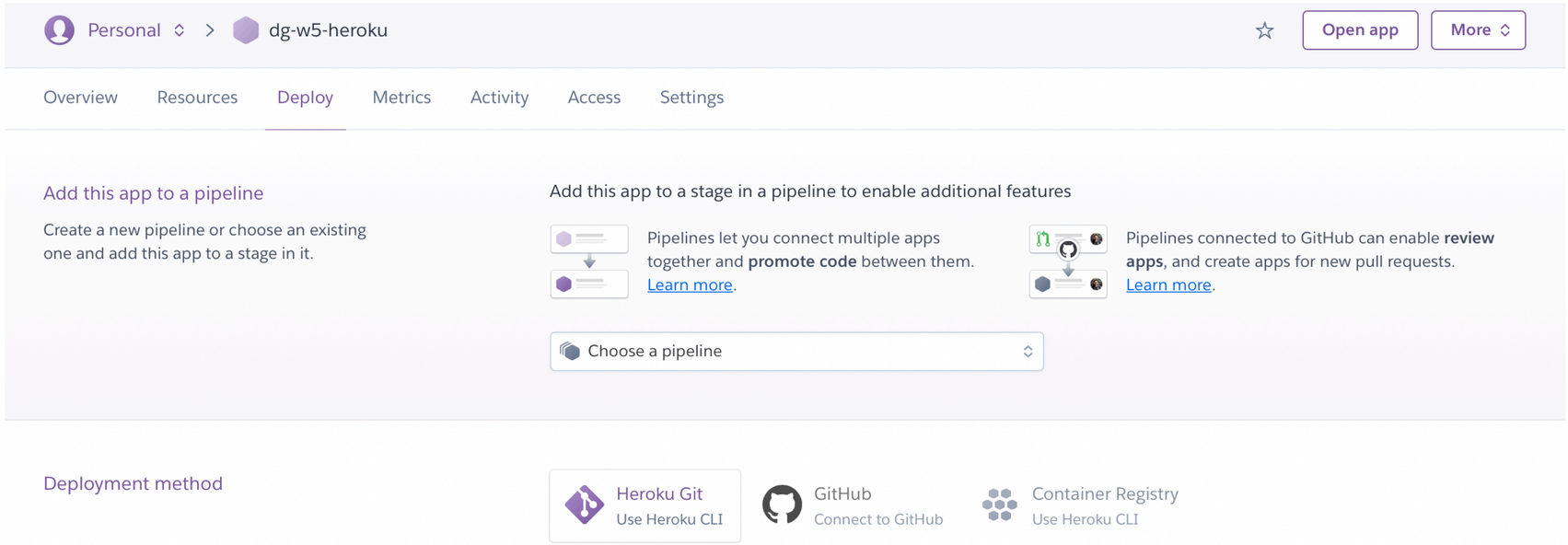


Upload required files to repo

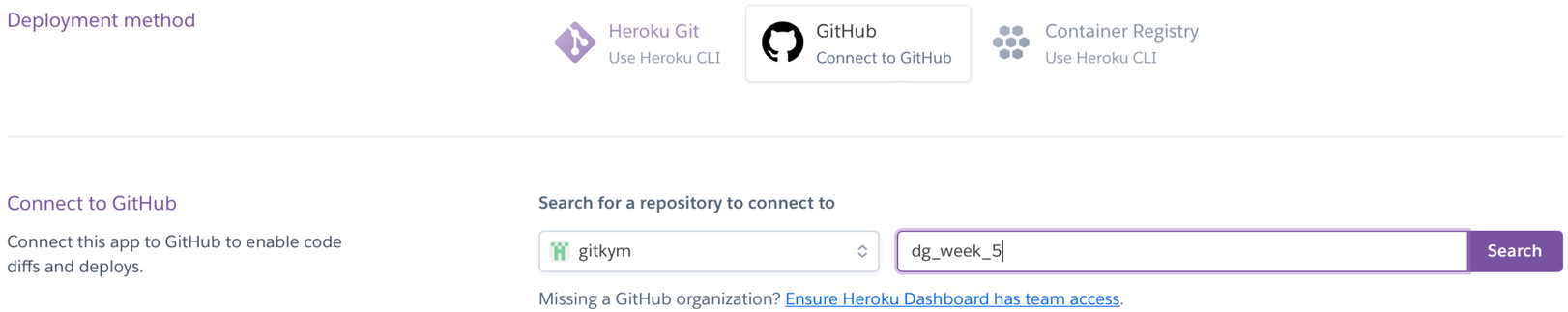


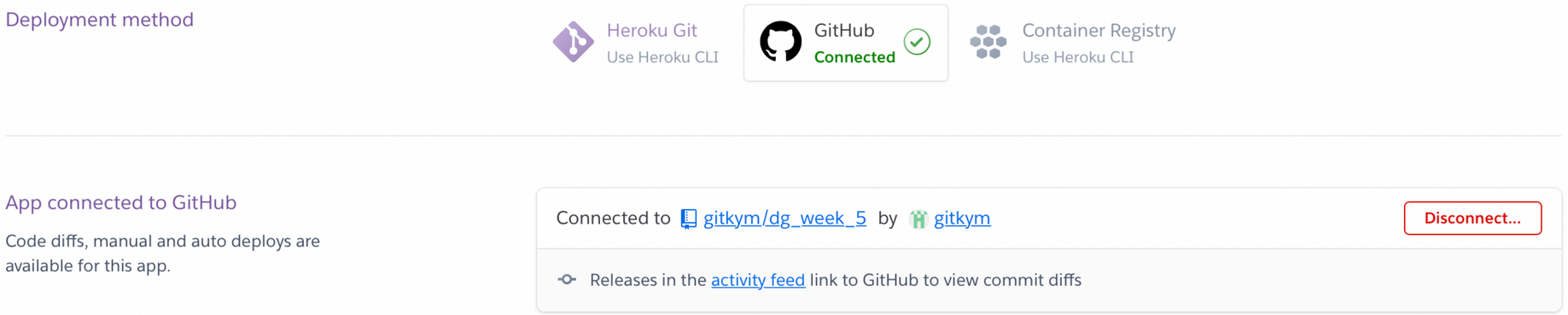
Create new app in Heroku



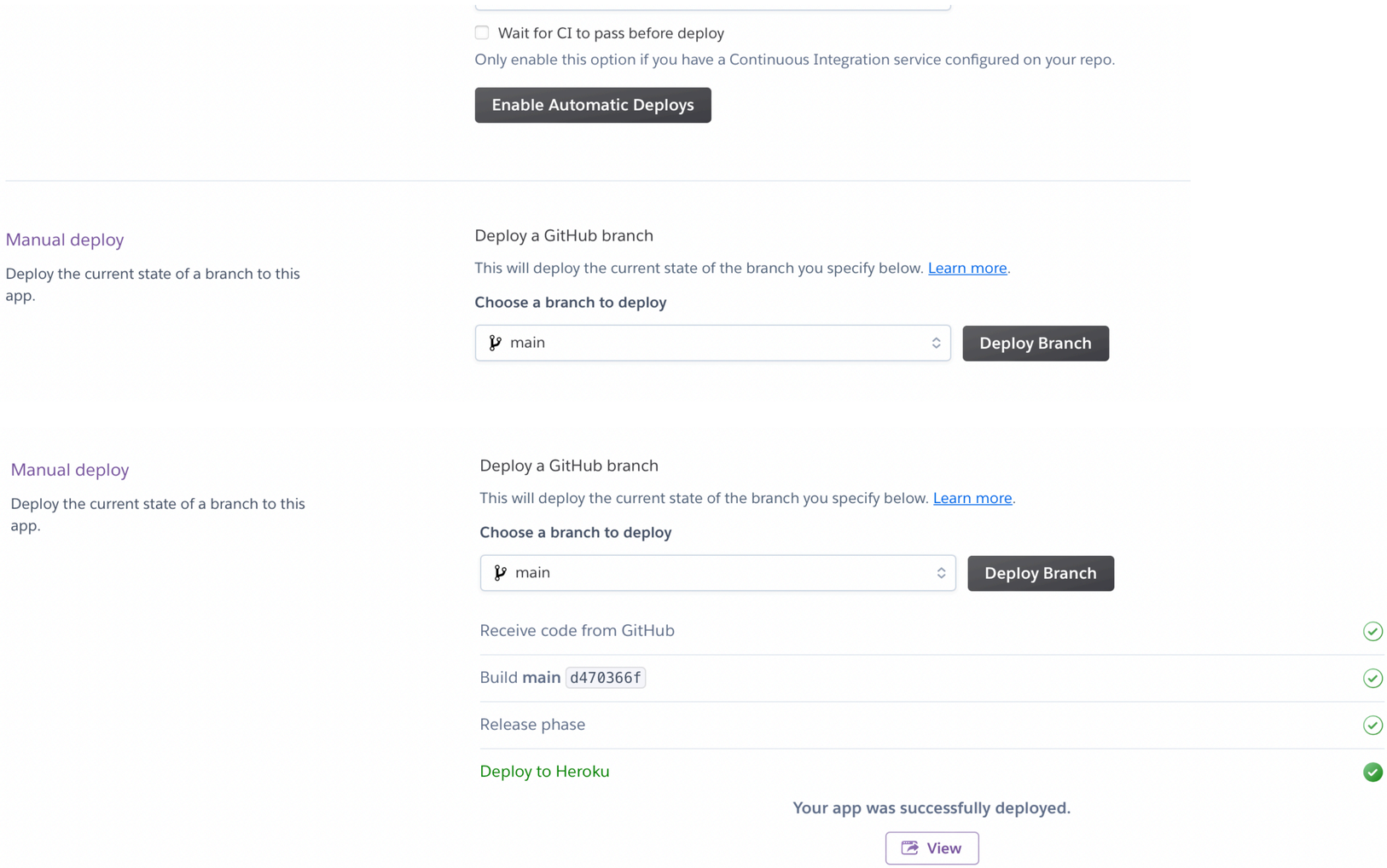


Link to GitHub





Deploy app and install dependencies



View app in browser and test it for different predictions