

Week 5: Cloud and API deployment

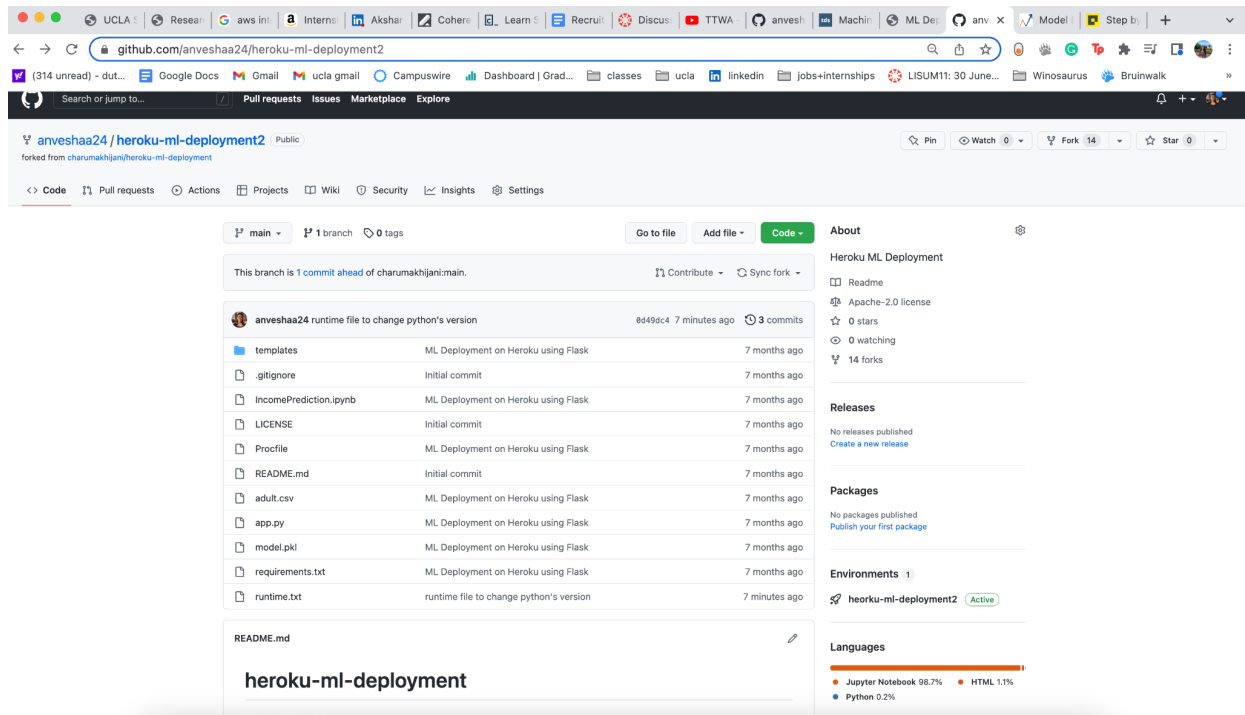
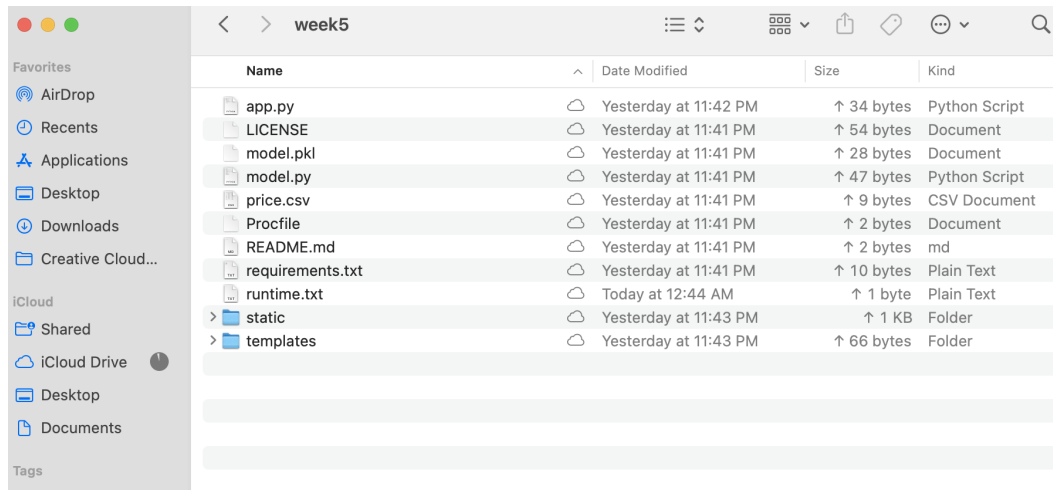
Name: Anvesha Dutta

Batch Code: LISUM11

Submission date: August 5, 2022

Submitted to: GitHub

1. Pushed files onto a GitHub repository



2. Heroku account made, new app created and connected to GitHub's repository

The first screenshot shows the Heroku dashboard at `dashboard.heroku.com/apps`. The user is logged in as 'Personal'. A welcome banner says 'Welcome to Heroku. Now that your account has been set up, here's how to get started.' Below the banner is a search bar 'Filter apps and pipelines' and a list of two apps:

- `heroku-mi-deployment2` (Python · heroku-20 · United States)
- `heroku-demo-app24` (Python · heroku-20 · United States)

The second screenshot shows the 'heroku-mi-deployment2' app page. The 'Deploy' tab is selected. The page shows the app is connected to a GitHub repository: `GitHub anvesha24/heroku-mi-deployment2`. The 'Deployment method' section shows 'Heroku Git' and 'GitHub Connected' as options. The 'Automatic deploys' section shows a message: 'You can now change your main branch from "master" to "main" for both manual and automatic deploys.

3. Deploying the app on Heroku

Find 4 digit... (6) X 2DigitExtrac... - Ju... X LIT22 board - Agili... X Confirm your acco... X heorku-ml-deploy... X how to create a run... X How to Specify the... X django - Heroku P... X +

← → ↻ dashboard.heroku.com/apps/heorku-ml-deployment2/deploy/github

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Salesforce Platform

HEROKU Jump to Favorites, Apps, Pipelines, Spaces...

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more](#)

Choose a branch to deploy

main Deploy Branch

Receive code from GitHub

Build main @d49dc44

scikit-learn, pandas, matplotlib, Flask
Successfully installed Flask-1.1.1 Jinja2-2.10.1 MarkupSafe-1.1.1 Werkzeug-0.15.5 click-8.1.3 cycloper-0.11.0 fonttools-4.34.4 gunicorn-19.9.0 itsdangerous-1.1.0 joblib-1.1.0 kiwisolver-1.4.4 matplotlib-3.5.2 numpy-1.23.1 packaging-21.3 pandas-1.4.3 pillow-9.2.0 pyparsing-3.0.9 python-dateutil-2.8.2 pytz-2022.1 scikit-learn-1.1.2 scipy-1.9.0 six-1.16.0 threadpoolctl-3.1.0
-----> Discovering process types
-----> Procfile declares types => web
-----> Compressing...

☒ Autoscroll with output [View build log](#)

Release phase

Deploy to Heroku

Find 4 digit... (6) X 2DigitExtrac... - Ju... X LIT22 board - Agili... X Confirm your acco... X heorku-ml-deploy... X how to create a run... X How to Specify the... X django - Heroku P... X +

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Salesforce Platform

HEROKU Jump to Favorites, Apps, Pipelines, Spaces...

Choose a branch to deploy

main

☐ Wait for CI to pass before deploy
Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more](#)

Choose a branch to deploy

main Deploy Branch

Receive code from GitHub

Build main @d49dc44

Release phase

Deploy to Heroku

Your app was successfully deployed.

View

4. App shown in a new window

Find 4 digit... (6) x | 2DigitExtrac... x | LIT22 board - A x | Confirm your a... x | heorku-ml-dep... x | ML Deployment x | django - Heroku x | How to Specify x | how to create x | +

heorku-ml-deployment2.herokuapp.com

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Income Prediction

Age
Working Class | Federal-gov v
Education | 10th v
Marital Status | Divorced v
Occupation | Adm-clerical v
Relationship | Husband v
Race | Amer Indian Eskimo v
Gender | Female v
Capital Gain btw:[0-99999]
Capital Loss btw:[0-4356]
Hours per Week btw:[1-99]
Native Country | Cambodia v

UCLA | Research | aws in | Interns | Akshar | Cohere | Learn | Recruit | Discuss | TTWA | anvesh | Machin | ML x | anvesh | Model | Step b | +

income-prediction-api-heroku.herokuapp.com/predict

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Gender | Female v
Capital Gain btw:[0-99999]
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Native Country | Cambodia v

Employee Income is >50K