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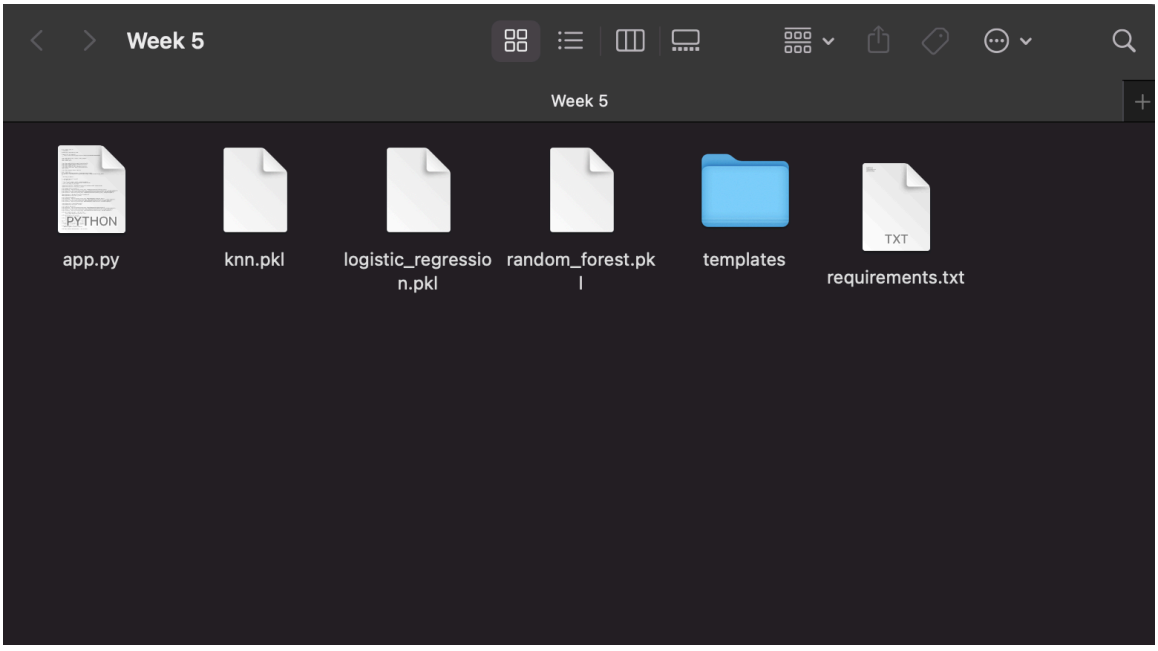
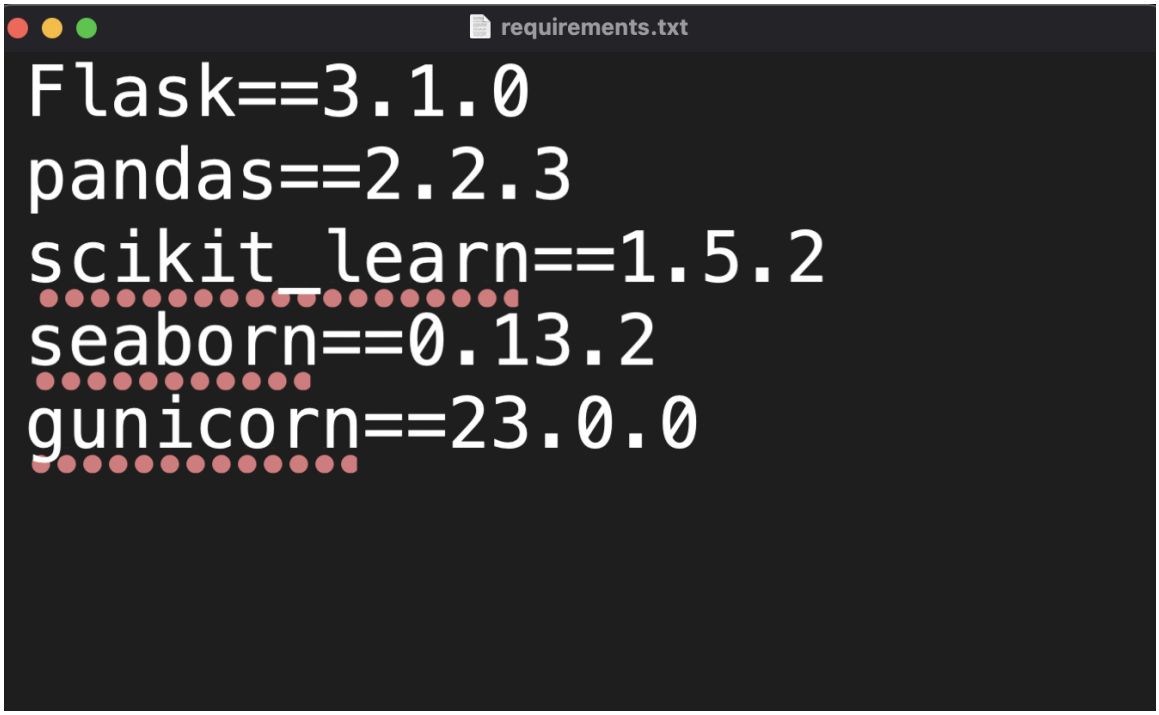
Date: 2024 December 04
Batch Code: LISUM39
Data intake reviewer: Data Glacier
Submission link: https://github.com/mynameisdevinchau/Data-Glacier-Internship/tree/main/Week%205

1.

- Using the model from Week 4, I put all the required values to run Week 4 into the Week 5 folder, with one change: I put a reuqirement.txt into the folder required for deploying this Web App.



- The requirements.txt lists the pip installation requirements required to run the model.
- These are the values in the requirements.txt that will be run in deployment



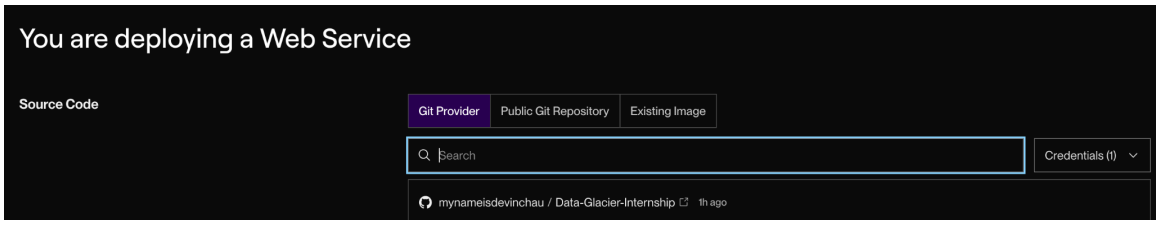
- I pip-installed everything on my end to make sure everything worked correctly
- Now that everything is in one folder, I uploaded my Week 5 file to my Data Glacier Internship repository and connected this to my deployment website.

2.

- I used Render to deploy my WebApp by connecting it to my GitHub.
    - https://render.com/
    - I chose Render because it was free but slow

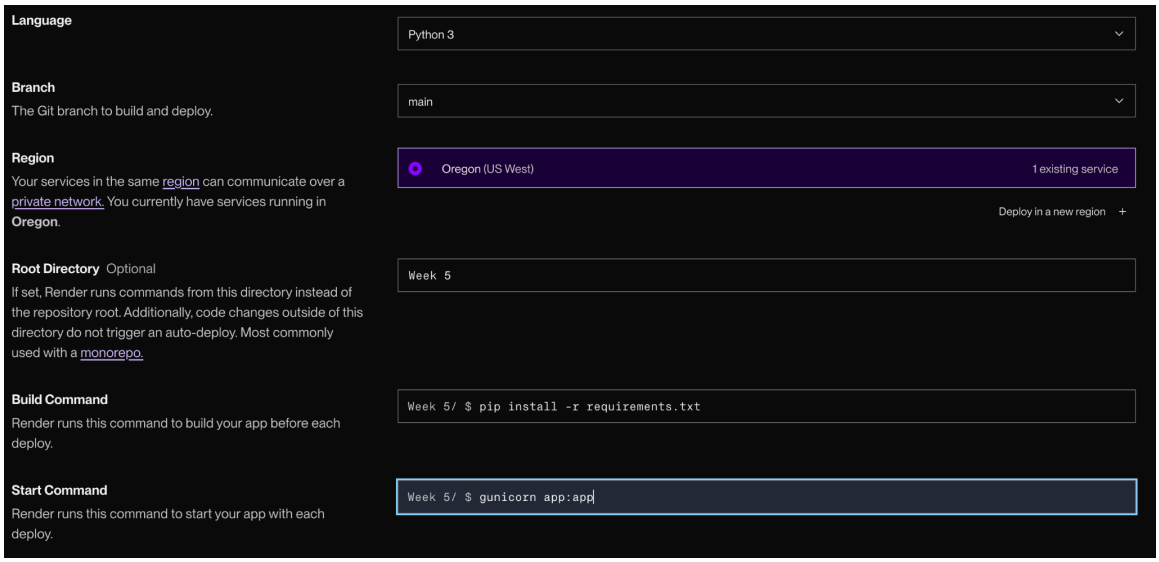
Steps of my deployment

- Choosing Data-Glacier-Internship as my Git Provider because it is where I store my Week 5 folder

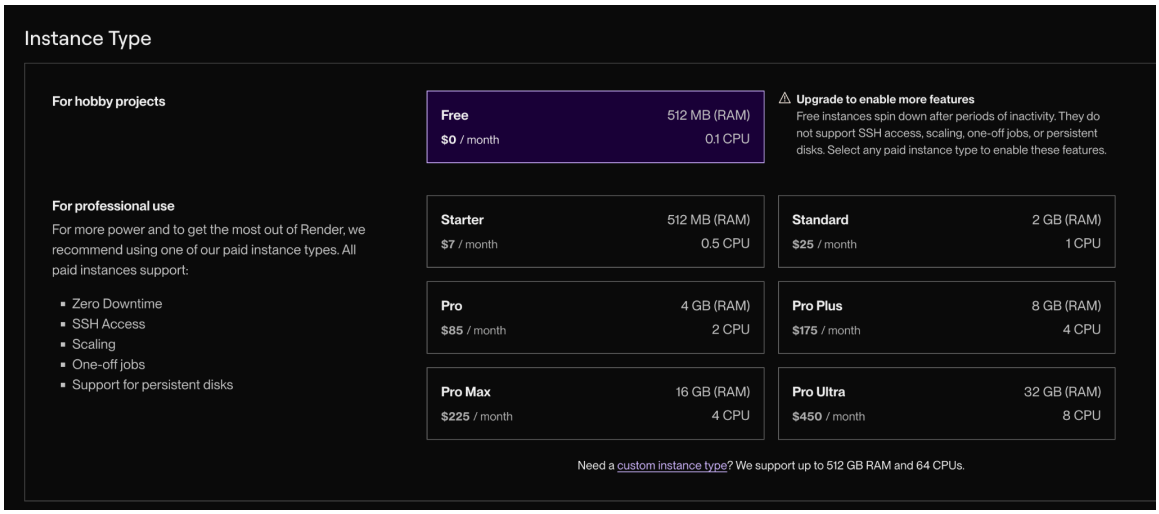


- Naming my web service for Web Deployment

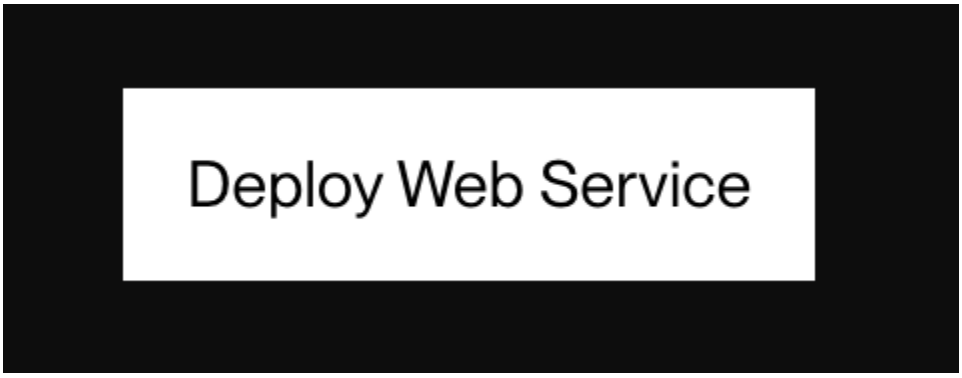
- Made sure my language was set properly with the Branch done properly. The Root Directory should be my Week 5 folder. They pip install all the values from my requirements.txt which then uses gunicorn for deployment.



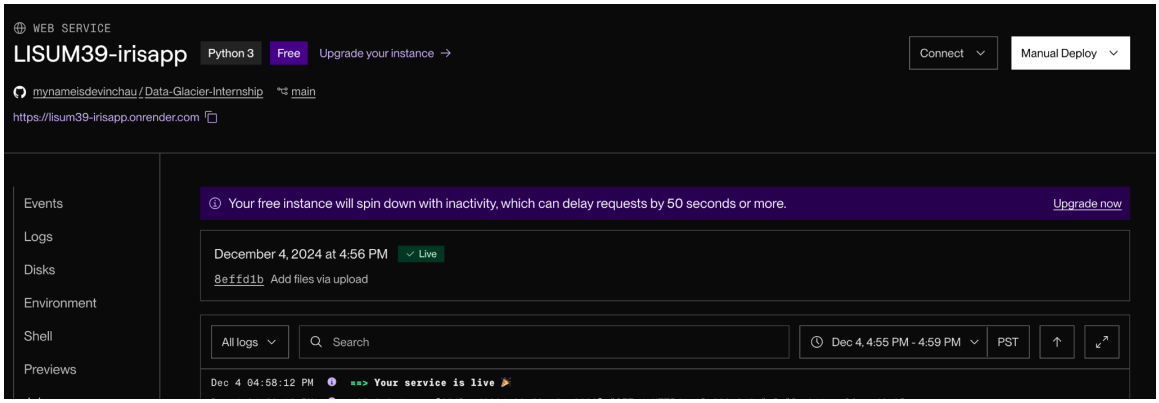
- Picked the Free option to not spend any money but it is much slower when running



- Next we just click the Deploy Web Service



- After we do that, it will take a couple of minutes to finish but now we can run our web app.



- This is what the Web App looks like after deployment using Render