Week 5: Cloud and API deployment

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Internship Batch: **LISUM43**

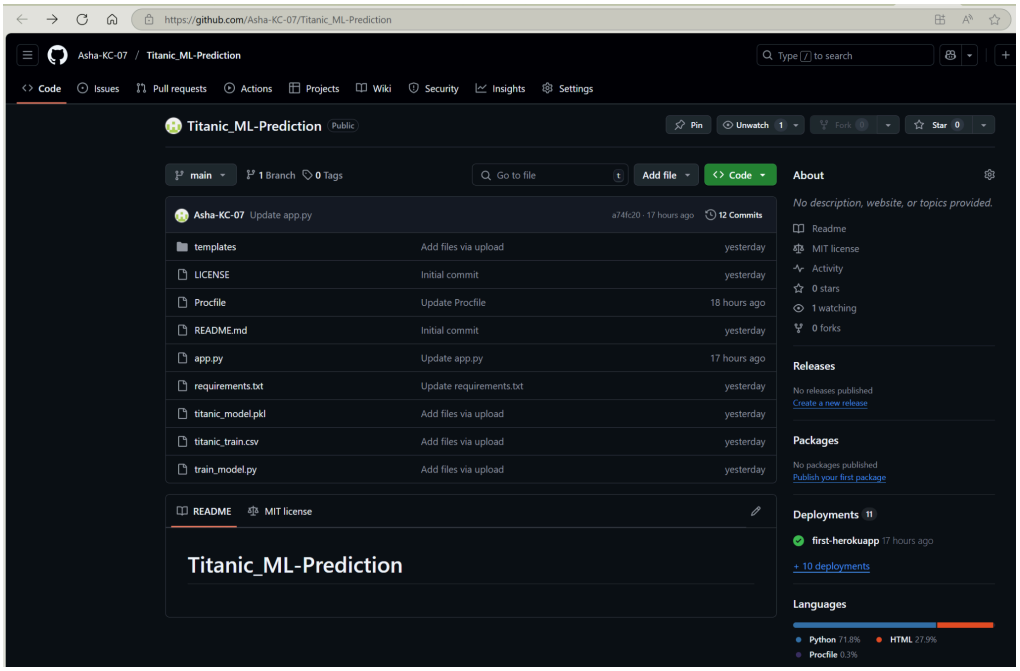
Submitted to: **Data Glacier**

Task given for Week 5 of internship is:

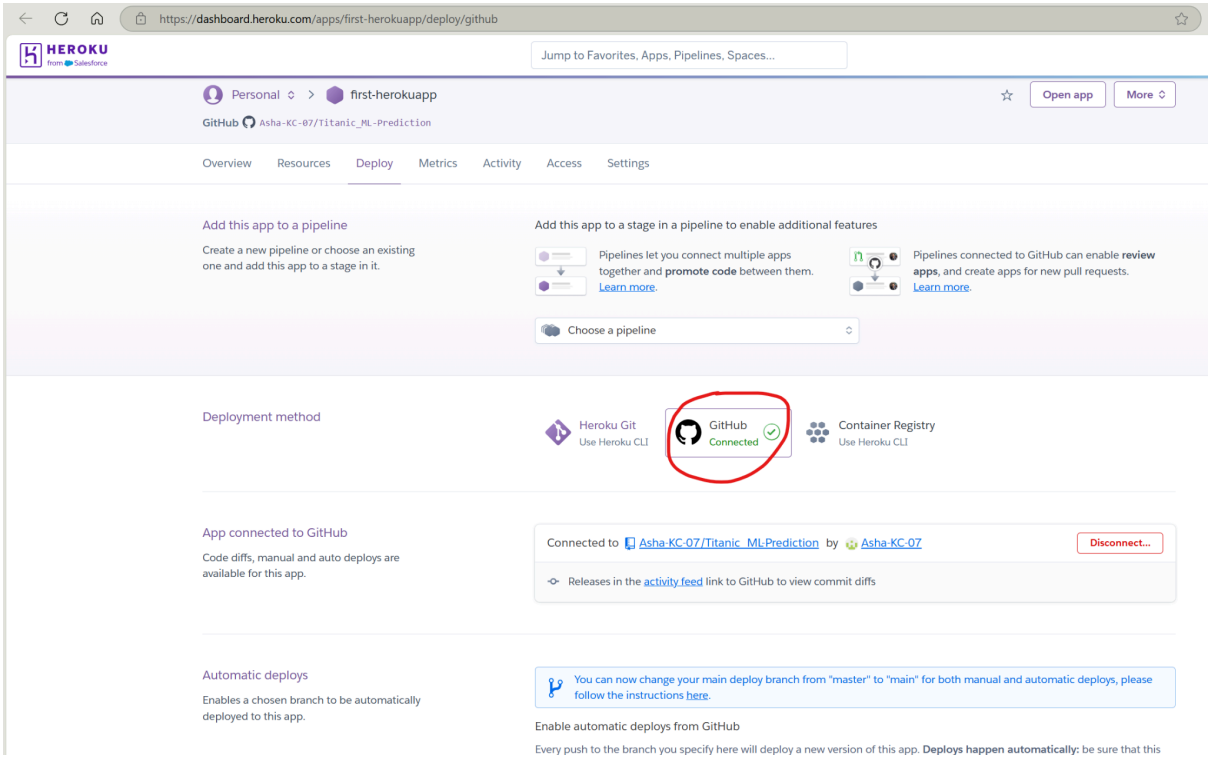
1. Select any toy data (simple data) (You are allowed to use data set of week 4)
2. 2. Save the model (You are allowed to use model of week 4)
3. Deploy the model on any cloud eg: Heroku,AWS,GCP,Azure (Deployment should be API based as well as web app)
4. Create pdf document (Name, Batch code, Submission date, Submitted to) which should contain snapshot of each step of deployment)
5. Upload the document and code to Github
6. Submit the URL of the uploaded document.

The data set & model generated in Week 4 are used for this deployment. It is deployed on **Heroku**.

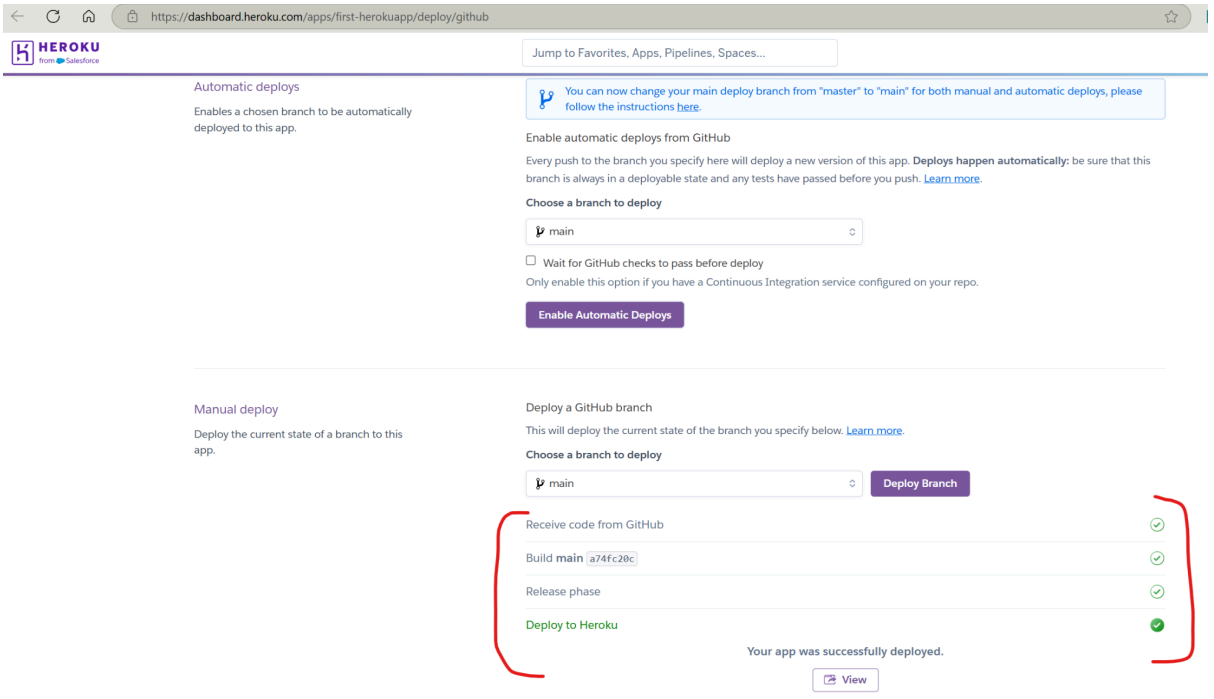
1. Github link to **API** : https://github.com/Asha-KC-07/Titanic_ML-Prediction



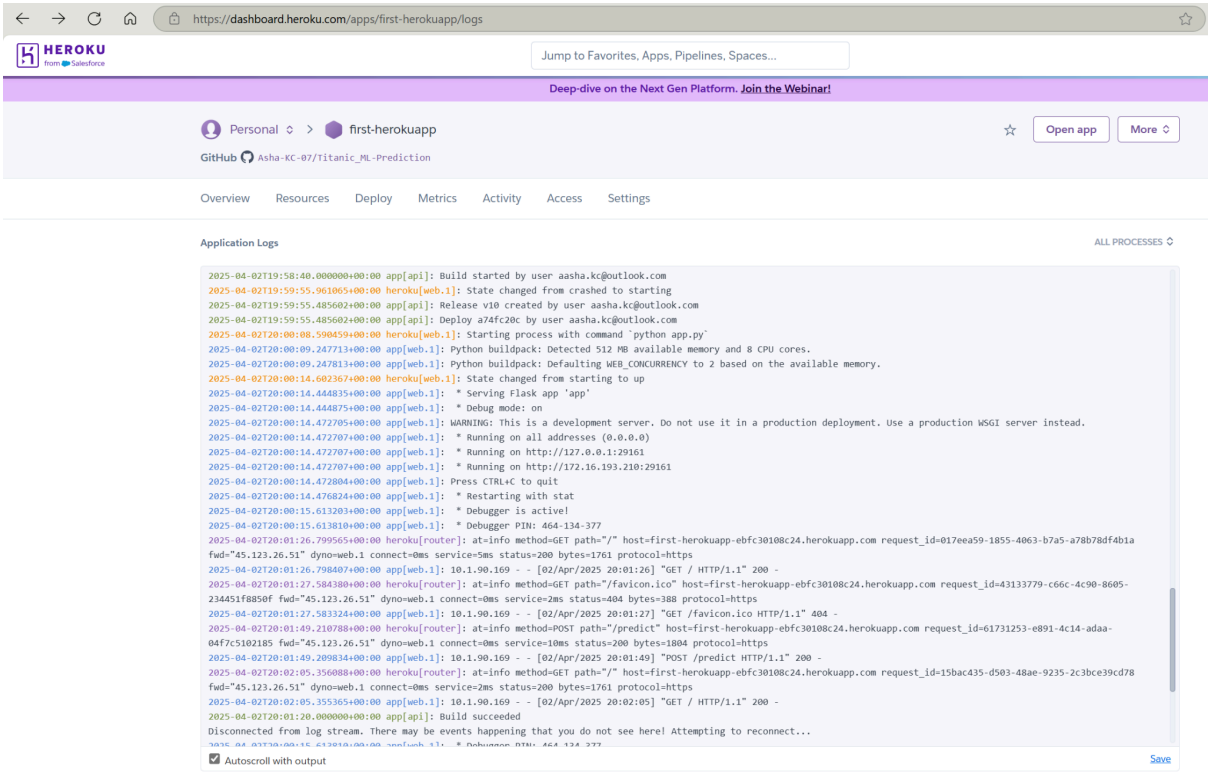
2. Heroku account created. Github connected to Heroku to deploy the above app:



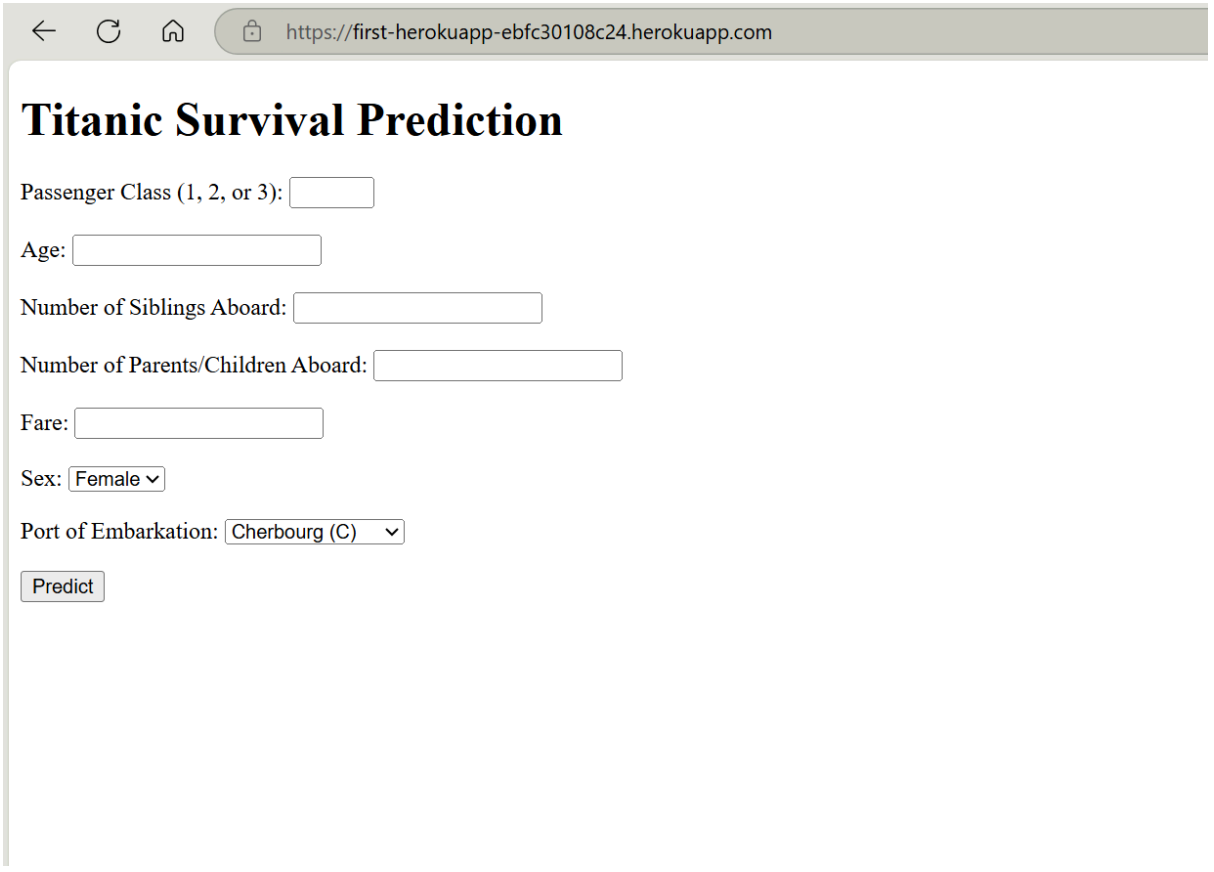
3. Successfully deployed app in Heroku:

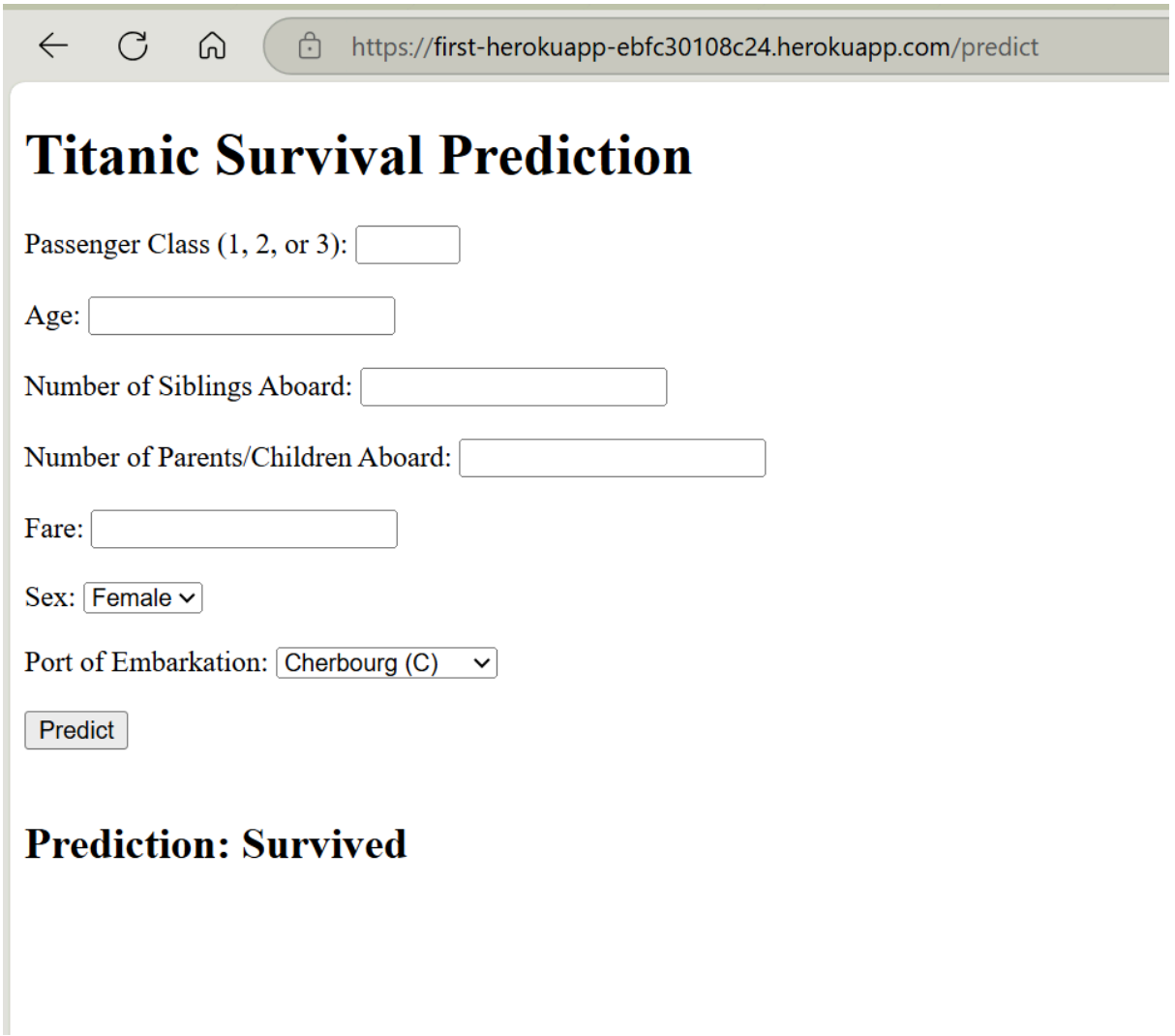


4. Application log from Heroku:



5. App launch & prediction:




https://first-herokuapp-ebfc30108c24.herokuapp.com/predict
Titanic Survival Prediction
Passenger Class (1, 2, or 3):
Age:
Number of Siblings Aboard:
Number of Parents/Children Aboard:
Fare:
Sex: Female
Port of Embarkation: Cherbourg (C)
Predict
Prediction: Survived