Name: Elizabeth Banning

**Batch Code: LISUM14** 

Submission Date: November 1, 2022

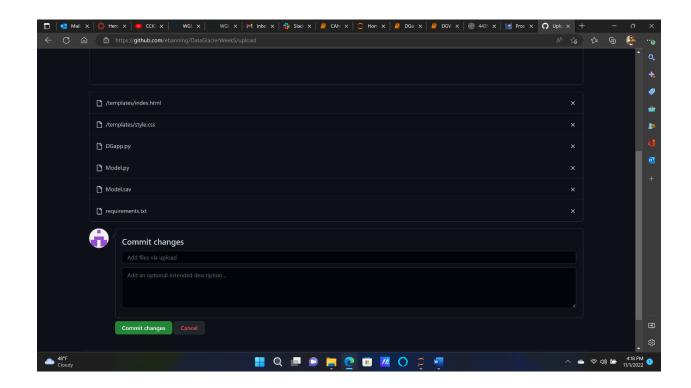
#### Steps to Deploying a Model with Heroku

1. After importing and cleaning data, create model in Python and save model:

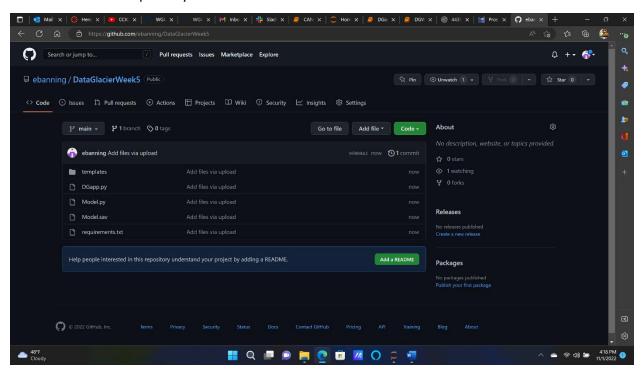
2. Create Flask app:

```
import numpy as np
import pickle
from flask import Flask, request, render_template
app = Flask(__name__)
model = pickle.load(open('model.sav', 'rb'))
@app.route('/')
def home():
   return render_template('index.html')
@app.route('/predict', methods = ['POST'])
def predict():
   features = [np.array([float(x) for x in request.form.values()])]
    prediction = model.predict(features)
    output = round(prediction[0], 2)
    return render_template('index.html', prediction_text = 'House price prediction: ${}'.format(output))
if __name__ == '__main_
    app.run(port = 5000, debug = True)
```

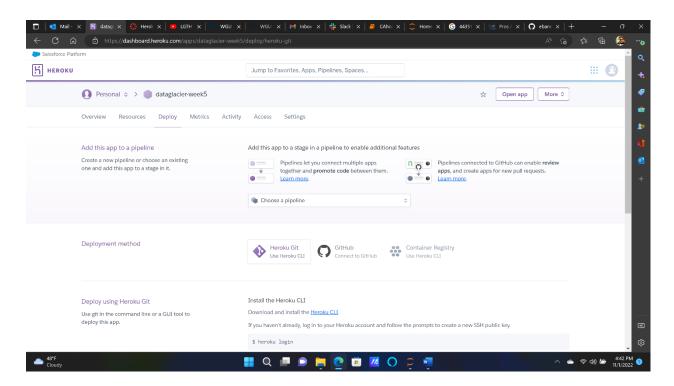
3. Upload files to GitHub repository and commit changes:



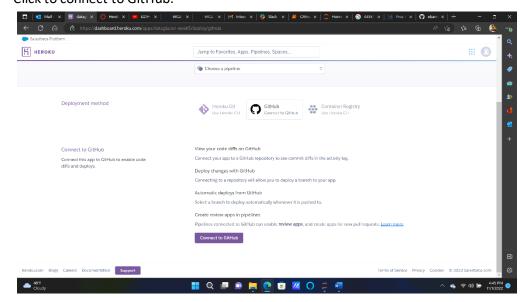
Files are now available in repository:



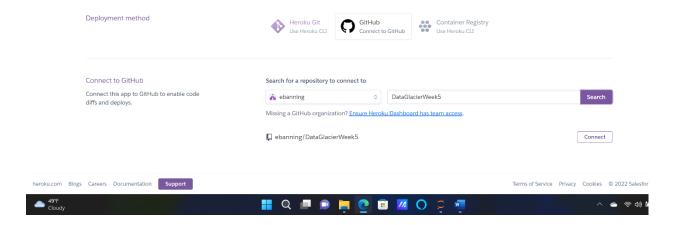
4. Link GitHub repository to Heroku account. Create new app:



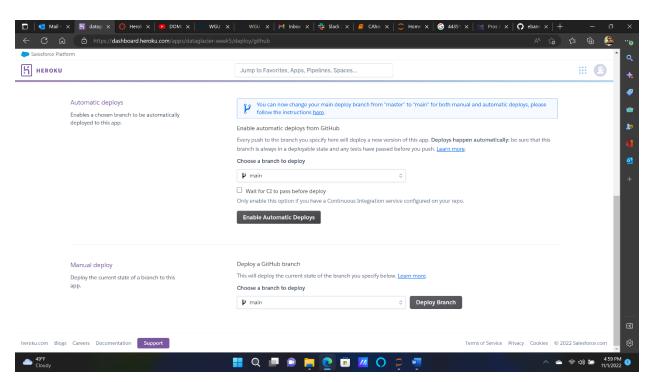
# Click to connect to GitHub:



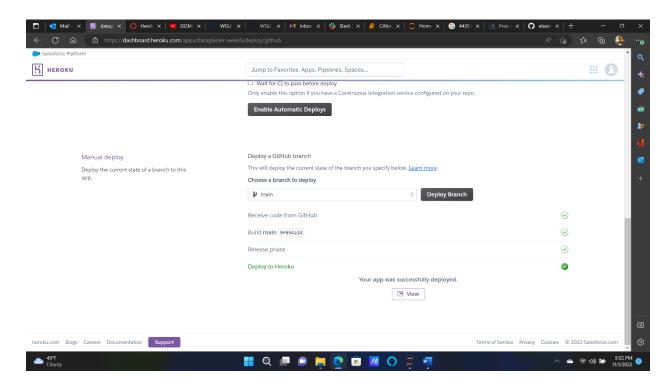
## Search for repository and click on connect:



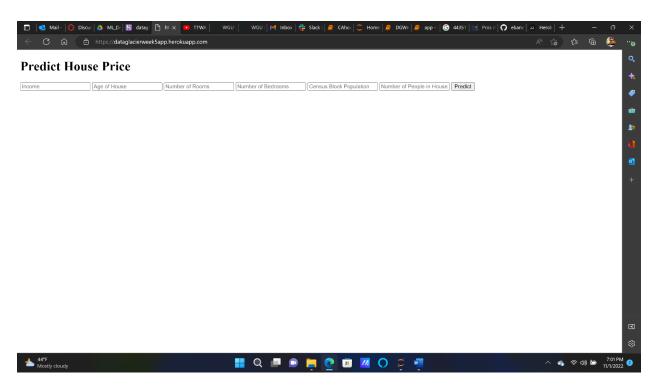
5. Deploy app on Heroku. Click on the manual deploy branch button:



After necessary packages are installed, app is deployed. Click on view:



#### App is now available for use:



## 6. Test model:

