Week 4

Flask Deployment

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- Batch code: LISUM17
- Submission date: 28/01/2023
- Submitted to: GitHub link submitted on dashboard

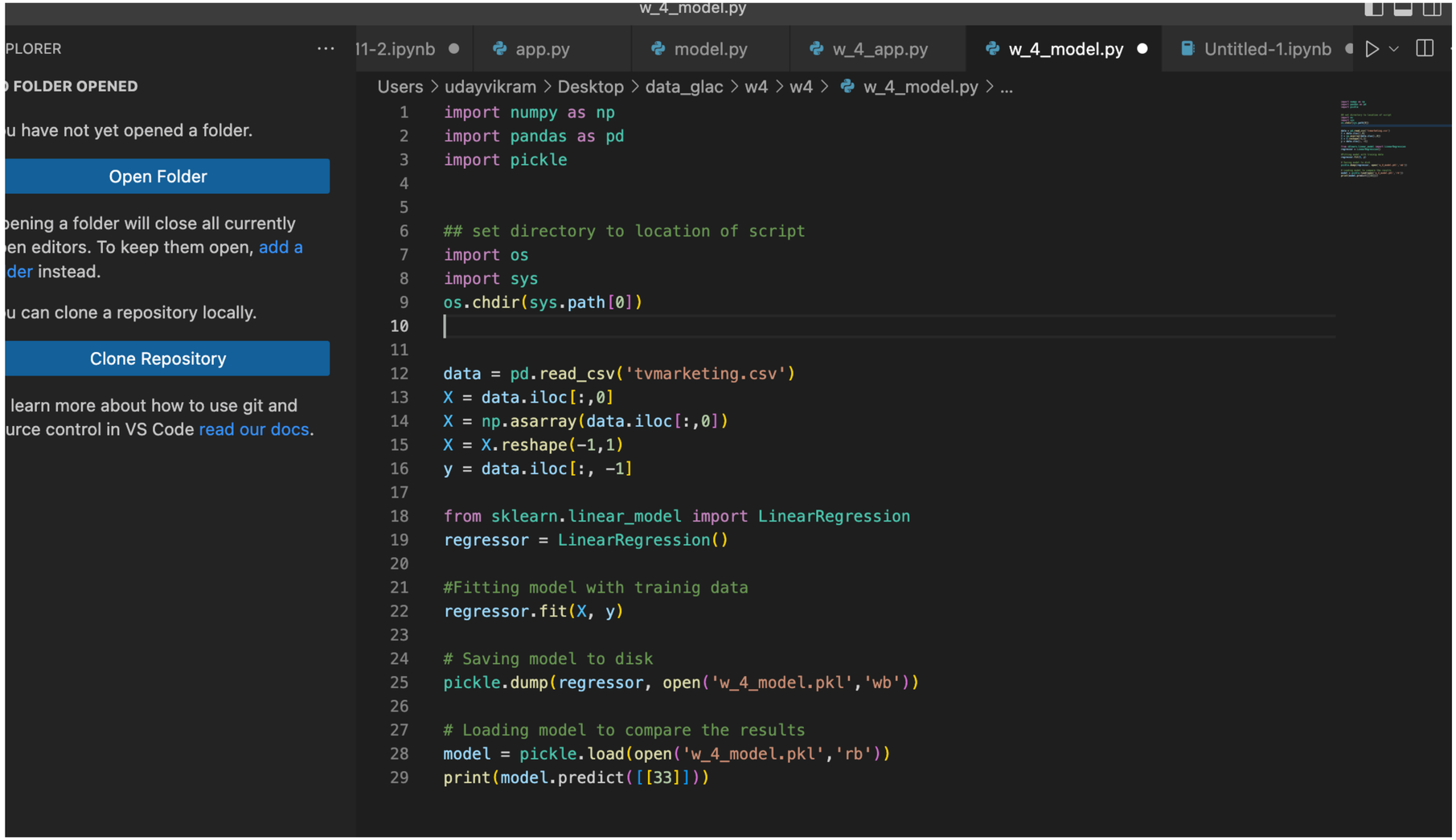
Notes: git repo has this document containing screenshots of deployment. It also contains the .py scripts and templates needed to deploy the model.

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

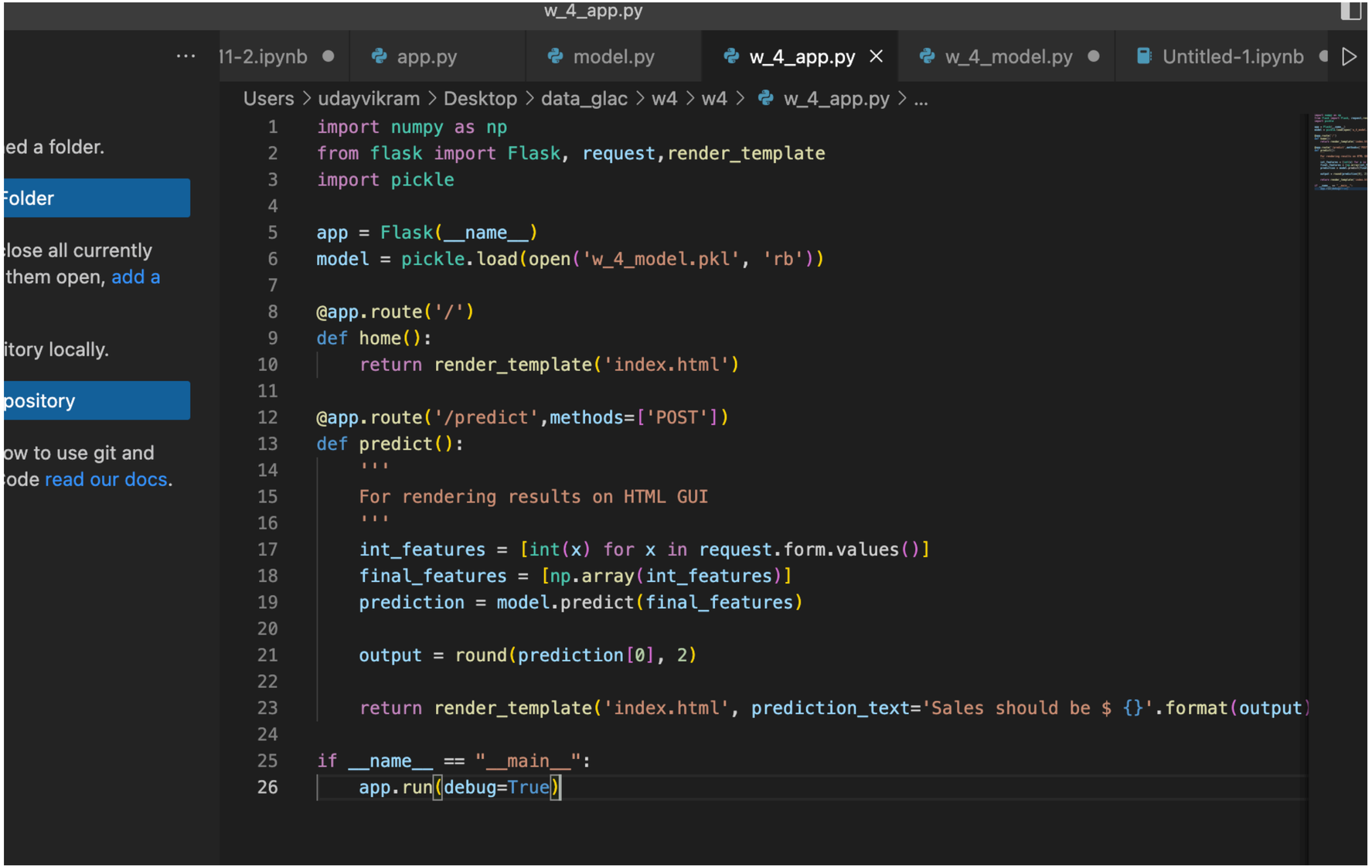
Data

- 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.

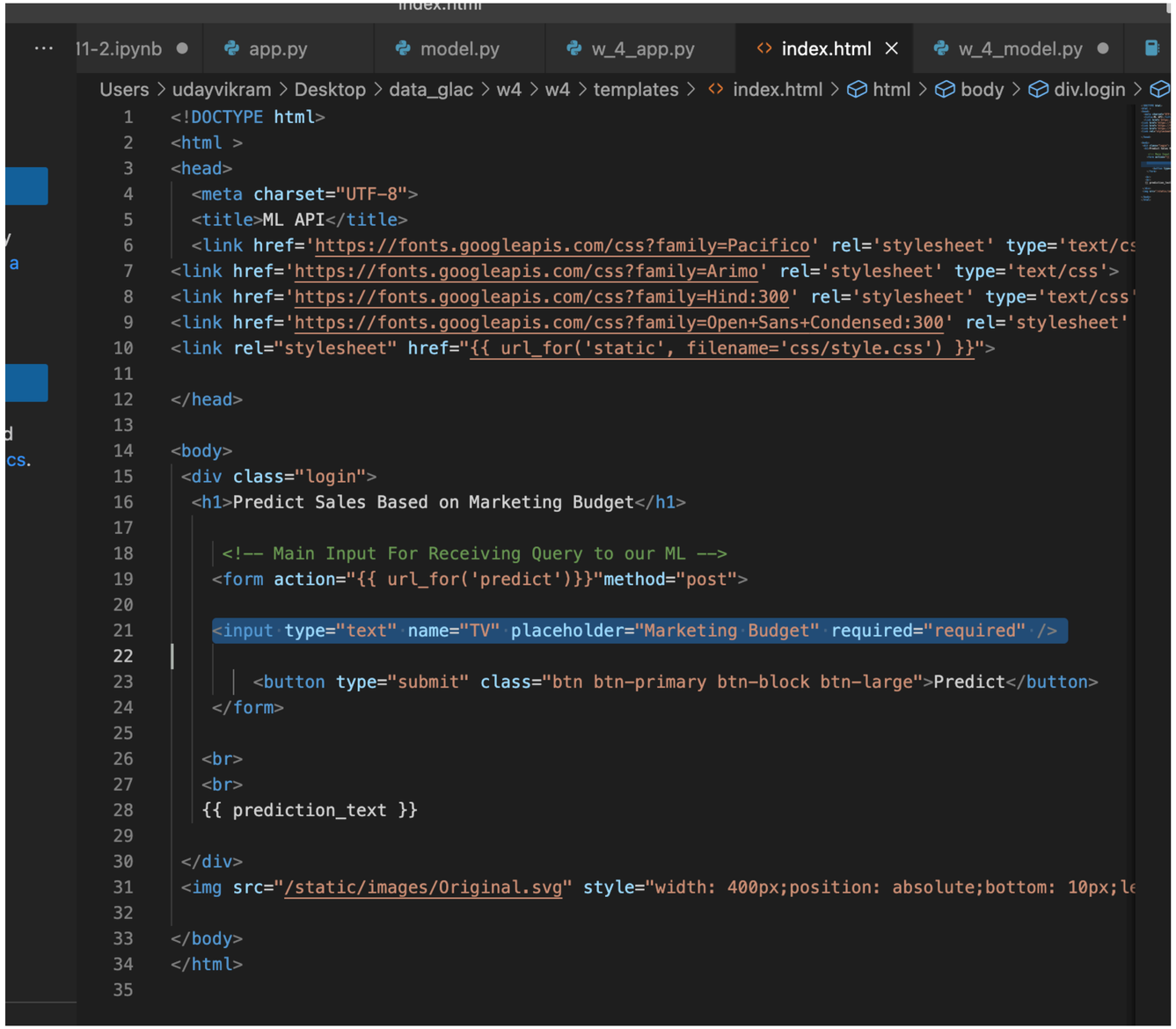
Load data and Build Model



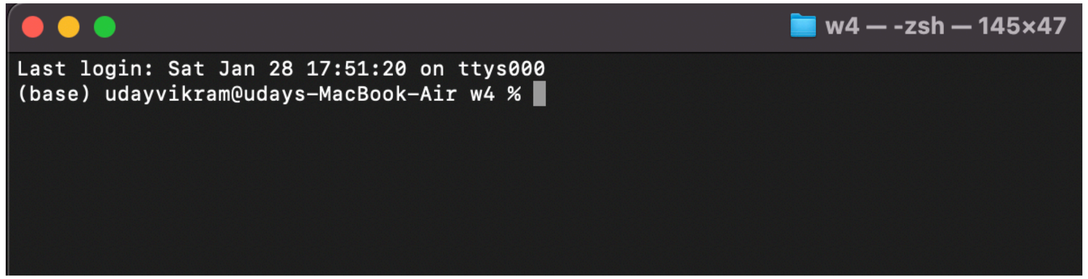
Write app for deployment

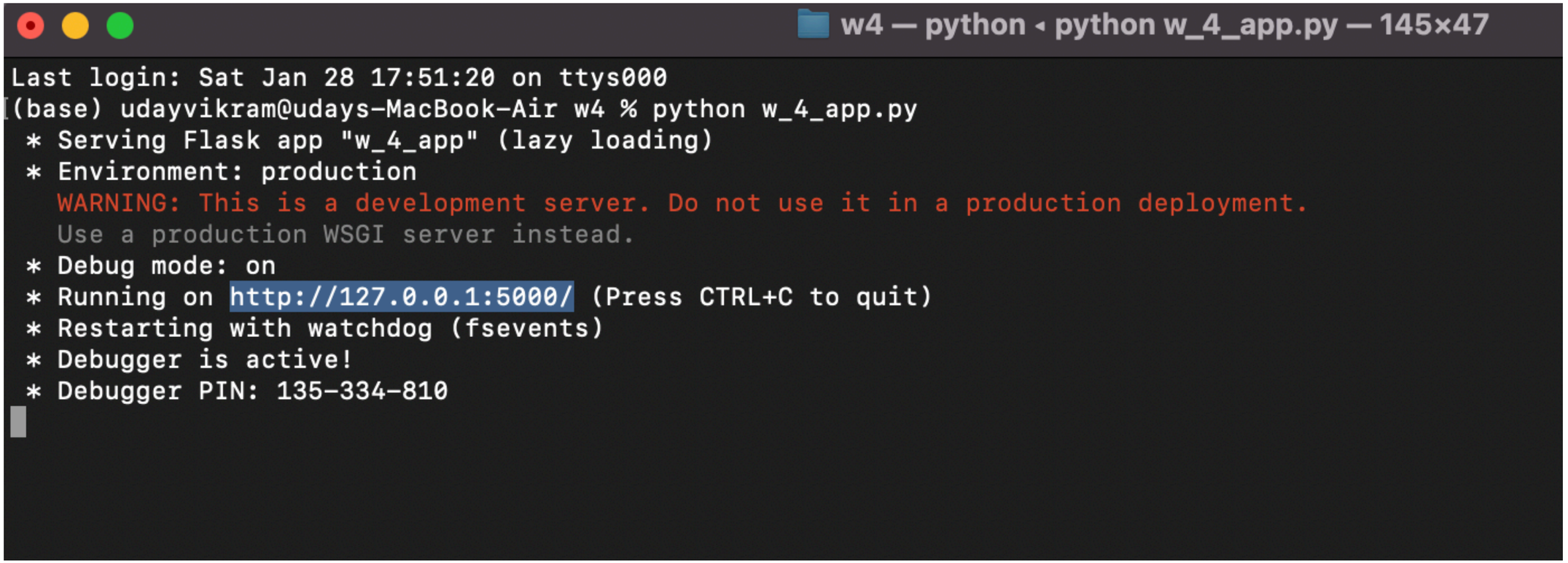


Edit HTML to ask correct prompt (based on dataset)

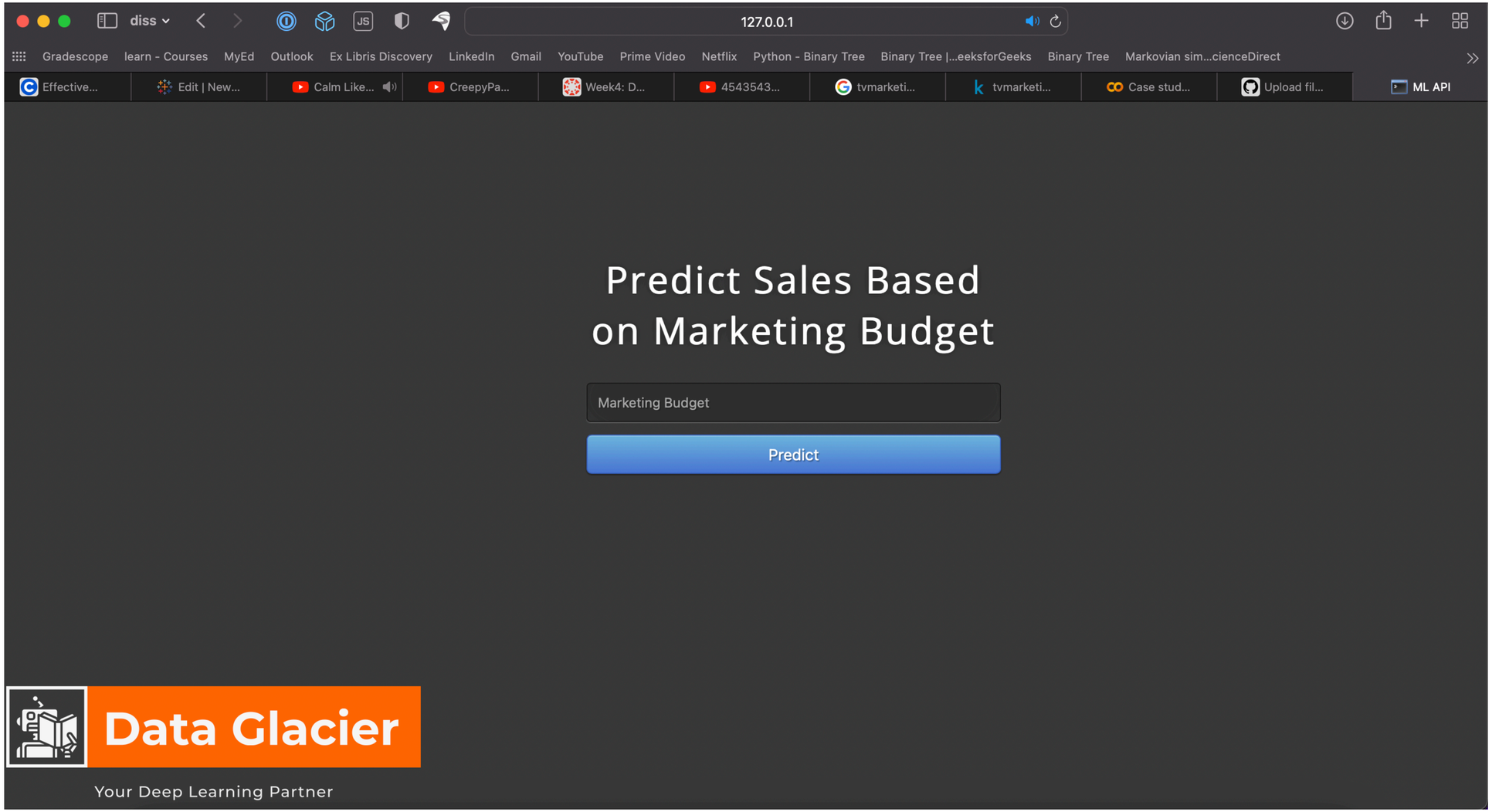


Open directory in command line and run the app

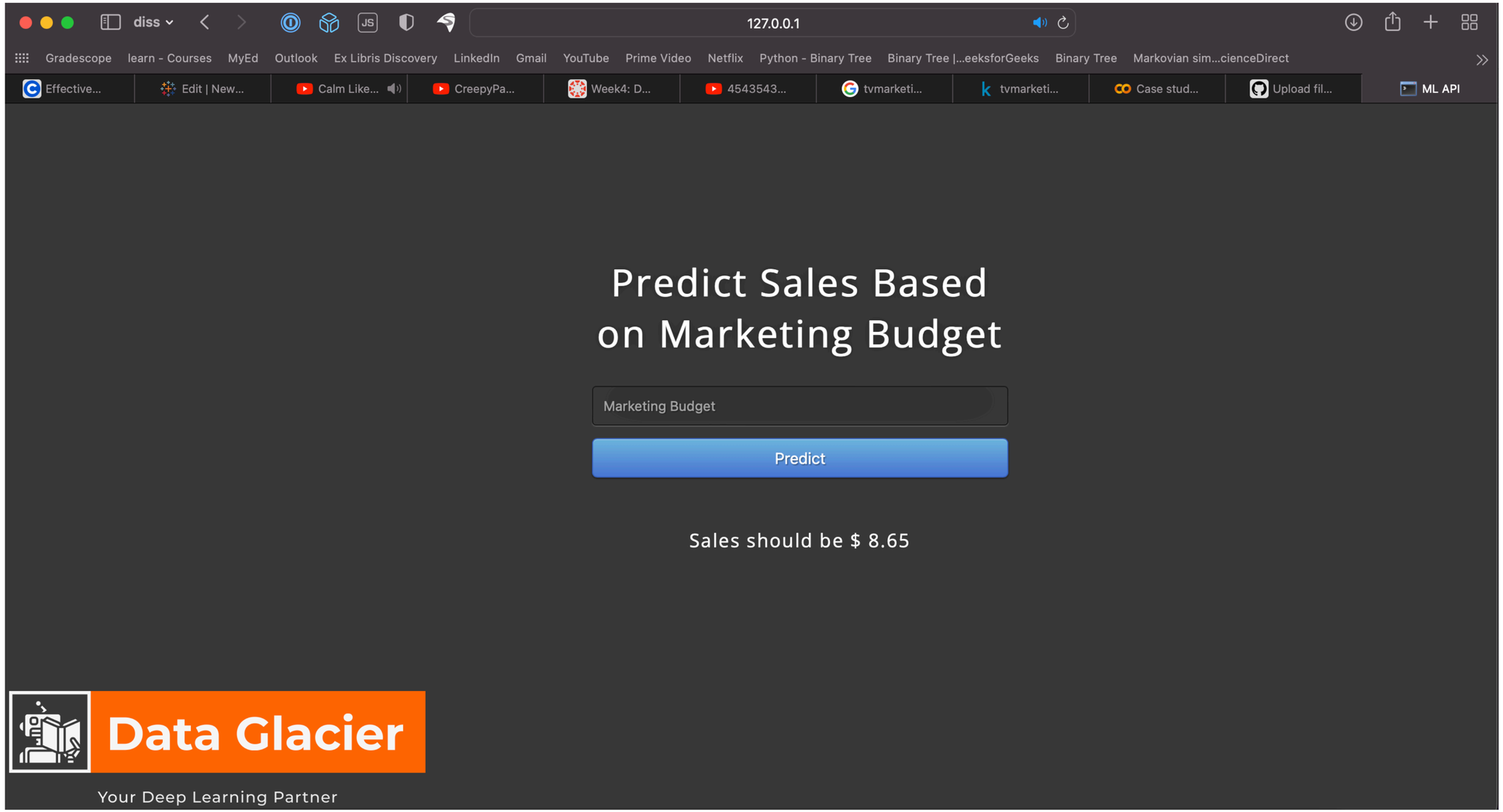




Open the URL where app is hosted



Try random value to test prediction



Try another random value