Week 4: Deployment using Flask

Katrina Kirby

LISUM43

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Task:

1. Select any toy data (simple data).

2. Save the model

3. Deploy the model on flask (web app)

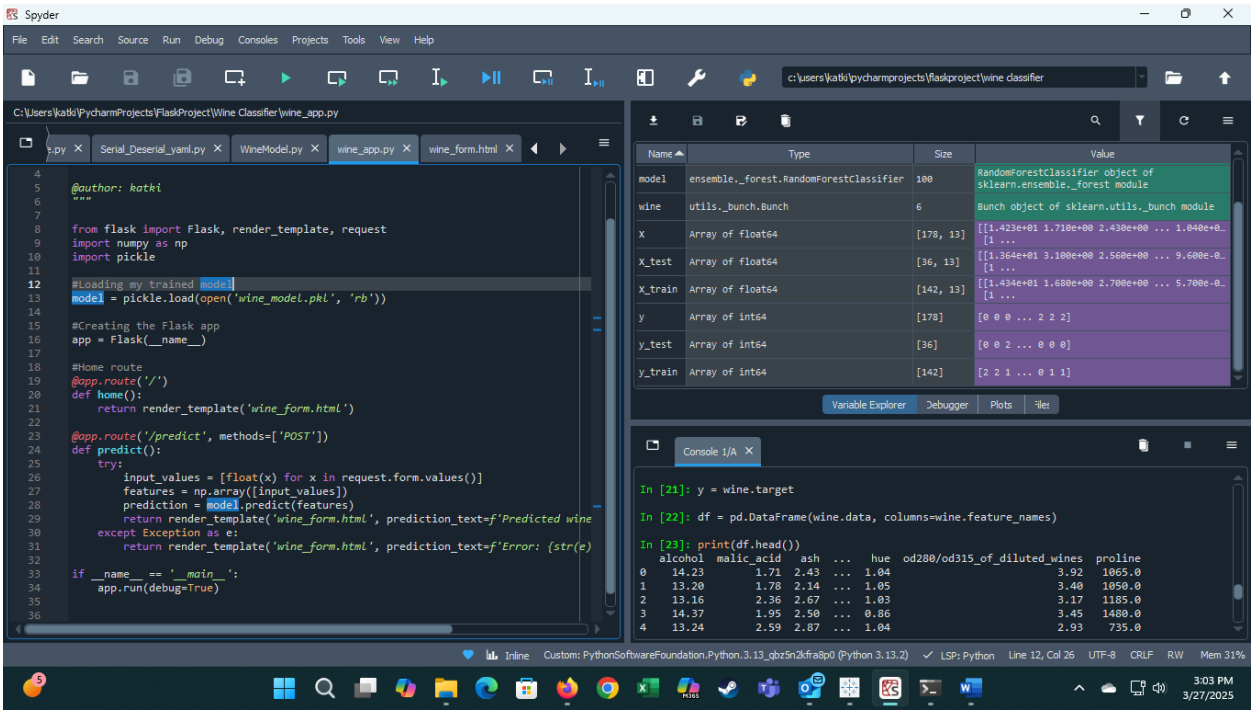
4. Create pdf document (Name, Batch code, Submission date, Submitted to) which should contain snapshot of each step of deployment)

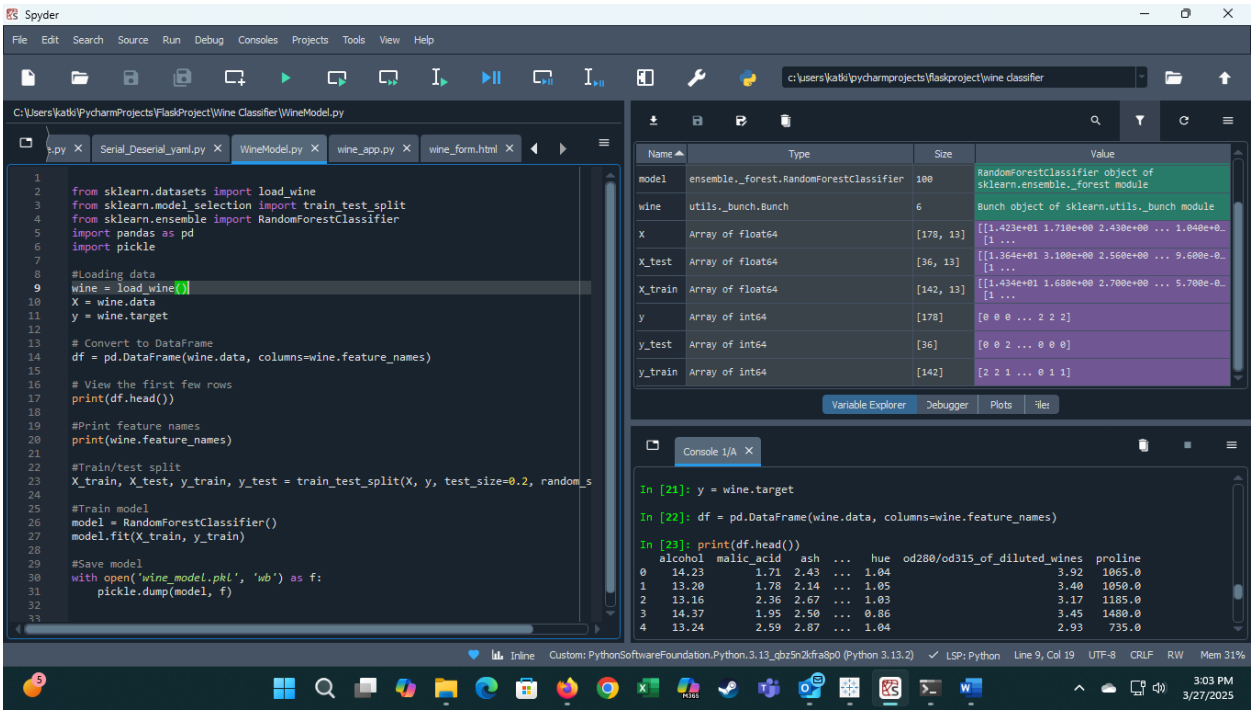
5. Upload the document to Github

6. Submit the URL of the uploaded document.

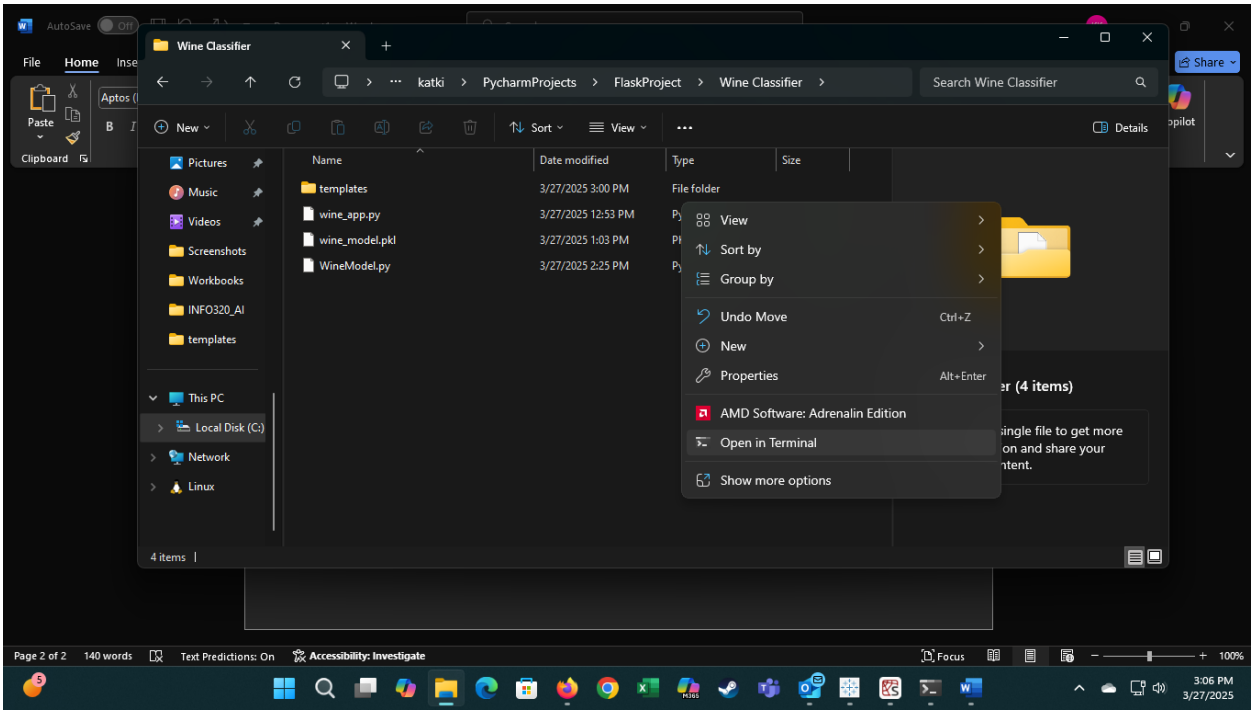
I first researched toy datasets and found a common “load_wine” dataset on scikit-learn.org. I created the model, html file, and app.py file on Spyder6.

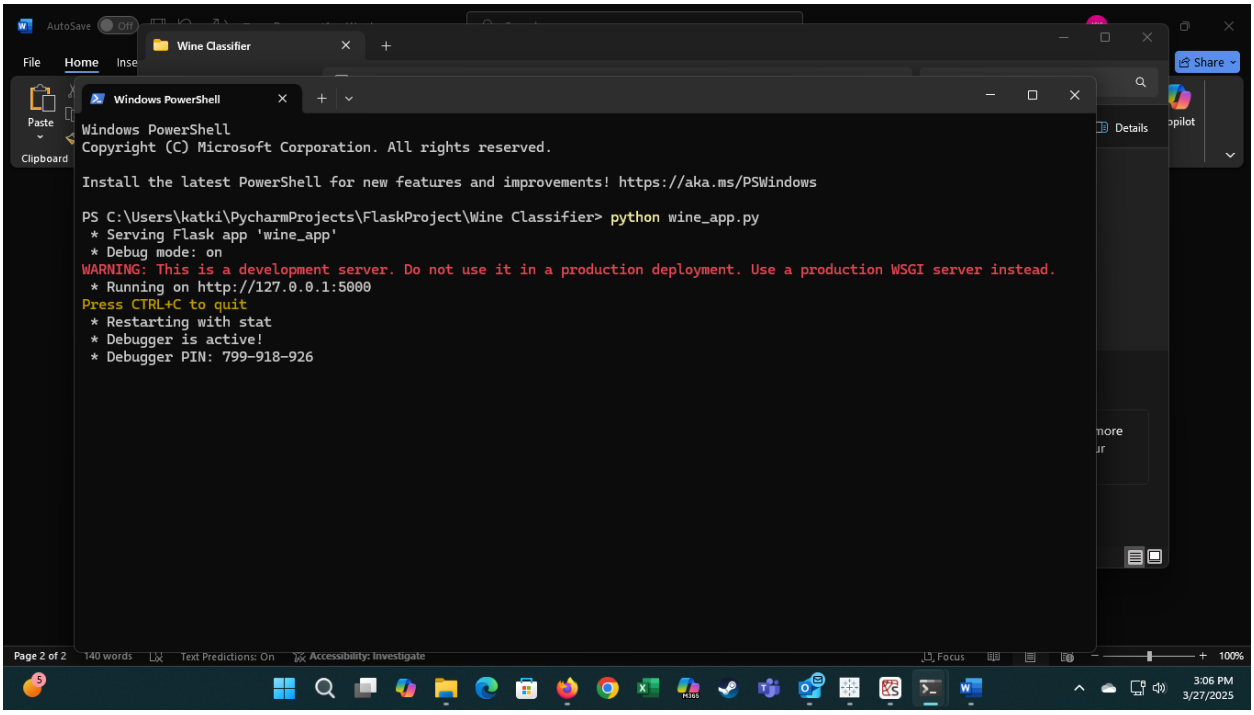
*Below are screenshots showing my code in the files I created on Spyder6 to deploy my Flask web app.



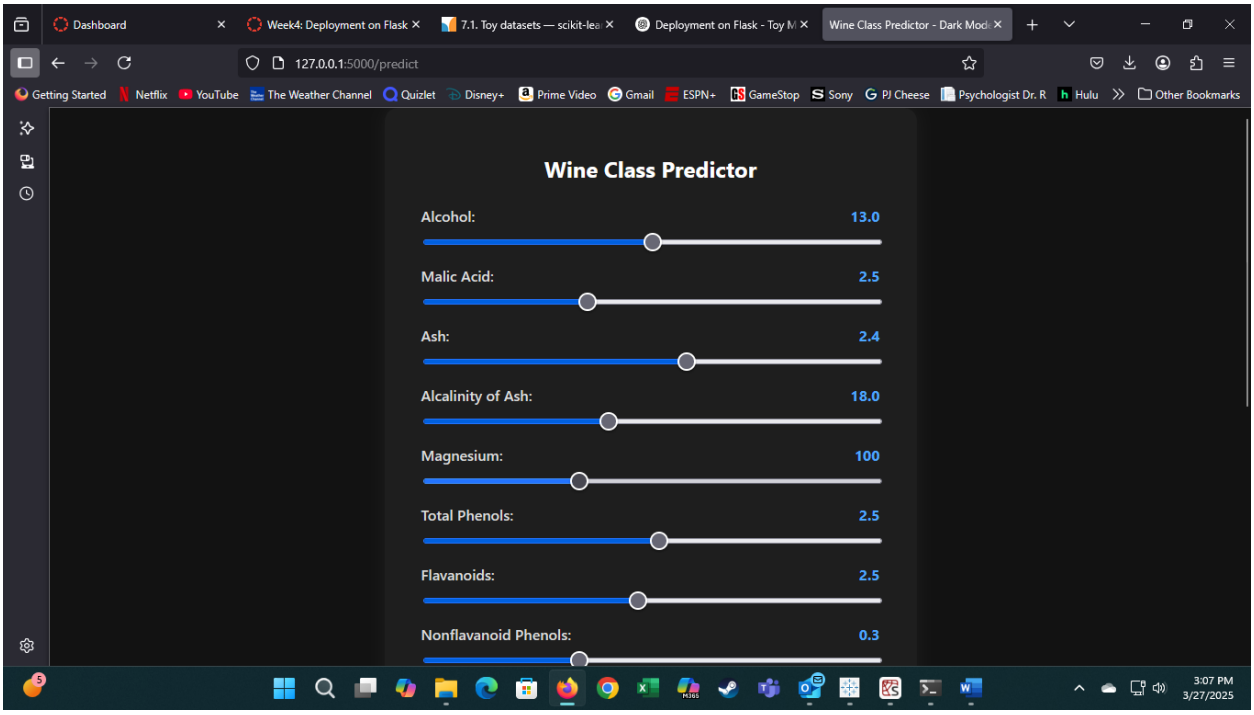


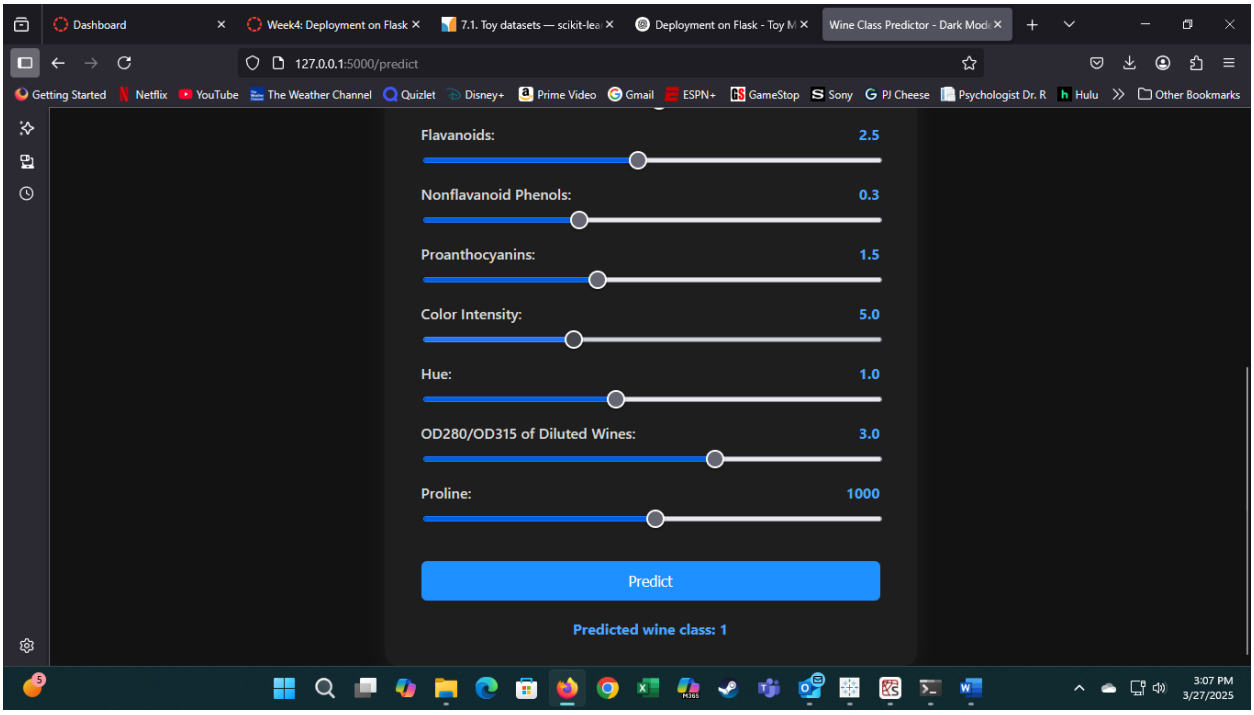
After creating the necessary files for the model and adding an HTML with CSS styling to it, I saved it all and launched the terminal from that folder and deployed the model.





Now, it is up and running!


Dashboard
Week4: Deployment on Flask
7.1. Toy datasets — scikit-lea
Deployment on Flask - Toy M
Wine Class Predictor - Dark Mod
127.0.0.1:5000/predict
Getting Started
Netflix
YouTube
The Weather Channel
Quizlet
Disney+
Prime Video
Gmail
ESPN+
GameStop
Sony
PJ Cheese
Psychologist Dr. R
Hulu
Other Bookmarks
Wine Class Predictor
Alcohol: 13.0
Malic Acid: 2.5
Ash: 2.4
Alcalinity of Ash: 18.0
Magnesium: 100
Total Phenols: 2.5
Flavanoids: 2.5
Nonflavanoid Phenols: 0.3
3:07 PM
3/27/2025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Deployment on Flask - Toy M
Wine Class Predictor - Dark Mod
127.0.0.1:5000/predict
Getting Started
Netflix
YouTube
The Weather Channel
Quizlet
Disney+
Prime Video
Gmail
ESPN+
GameStop
Sony
PJ Cheese
Psychologist Dr. R
Hulu
Other Bookmarks
Flavanoids: 2.5
Nonflavanoid Phenols: 0.3
Proanthocyanins: 1.5
Color Intensity: 5.0
Hue: 1.0
OD280/OD315 of Diluted Wines: 3.0
Proline: 1000
Predict
Predicted wine class: 1
3:07 PM
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