

Name: Charles Ibitamuno

Batch code: A101

Submission Date: September 28 2024

Submitted to: Data Glacier

FileEditSearchSourceRunDebugConsolesProjectsToolsViewHelp

File Explorer

Python

Save

Run

Debug

Consoles

Projects

Tools

View

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C:\Users\Owner\OneDrive\Desktop\E1006\Codes

C:\Users\Owner\OneDrive\Desktop\E1006\Codes\toy\_dataset.py

Learning.py x

svd tutorials.py x

app\_flask.py x

EDA\_Notebook.py x

toy\_dataset.py x

```
1  # -*- coding: utf-8 -*-
2  """
3  Created on Sat Sep 28 21:22:44 2024
4
5  @author: Owner
6  """
7
8  from sklearn.datasets import load_iris
9  from sklearn.model_selection import train_test_split
10 from sklearn.ensemble import RandomForestClassifier
11 from sklearn.metrics import accuracy_score
12
13 # Load toy dataset
14 iris = load_iris()
15 X, y = iris.data, iris.target
16
17 # Split data into training and testing sets
18 X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0
19
20 # Create a simple model (Random Forest)
21 model = RandomForestClassifier()
22 model.fit(X_train, y_train)
23
24 # Predict and check accuracy
25 y_pred = model.predict(X_test)
26 print("Model accuracy:", accuracy_score(y_test, y_pred))
27
28 import pickle
29 # Save the model using write-binary ('wb') mode
30 with open("iris_model.pkl", "wb") as model_file:
31     pickle.dump(model, model_file) # Pass the file object, not the f
32
33
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35
```

Name

Date Modified

> \_\_pycache\_\_

9/28/2024 10:12 PM

1D Heat Equation Project.py

4/29/2024 1:46 AM

2D Heat Equation Project.py

4/30/2024 3:19 PM

air\_quality.csv

10/16/2023 11:41 AM

answercheck.py

11/19/2023 3:45 PM

app\_flask.py

9/7/2024 6:44 PM

app\_Flask2.py

9/28/2024 10:52 PM

Ave Deep\_Shallow Mindset for Group 1 and Model for group1 (1).png

6/28/2024 10:34 AM

binarysearch.py

11/8/2023 3:33 PM

bishops.py

11/1/2023 6:31 PM

blackjack.nv

11/25/2023 12:04 AM

Help

Variable Explorer

Plots

Files

Console 1/A x

wdir='C:/Users/Owner/OneDrive/Desktop/E1006/Codes'

Model accuracy: 1.0

In [4]:

IPython Console

History

conda: base (Python 3.10.9)

Completions: conda(base)

LSP: Python

Line 46, Col 18

UTF-8

CRLF

RW

Mem 82%

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11:40 PM 9/28/2024

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File Explorer

Python

File Explorer

Python

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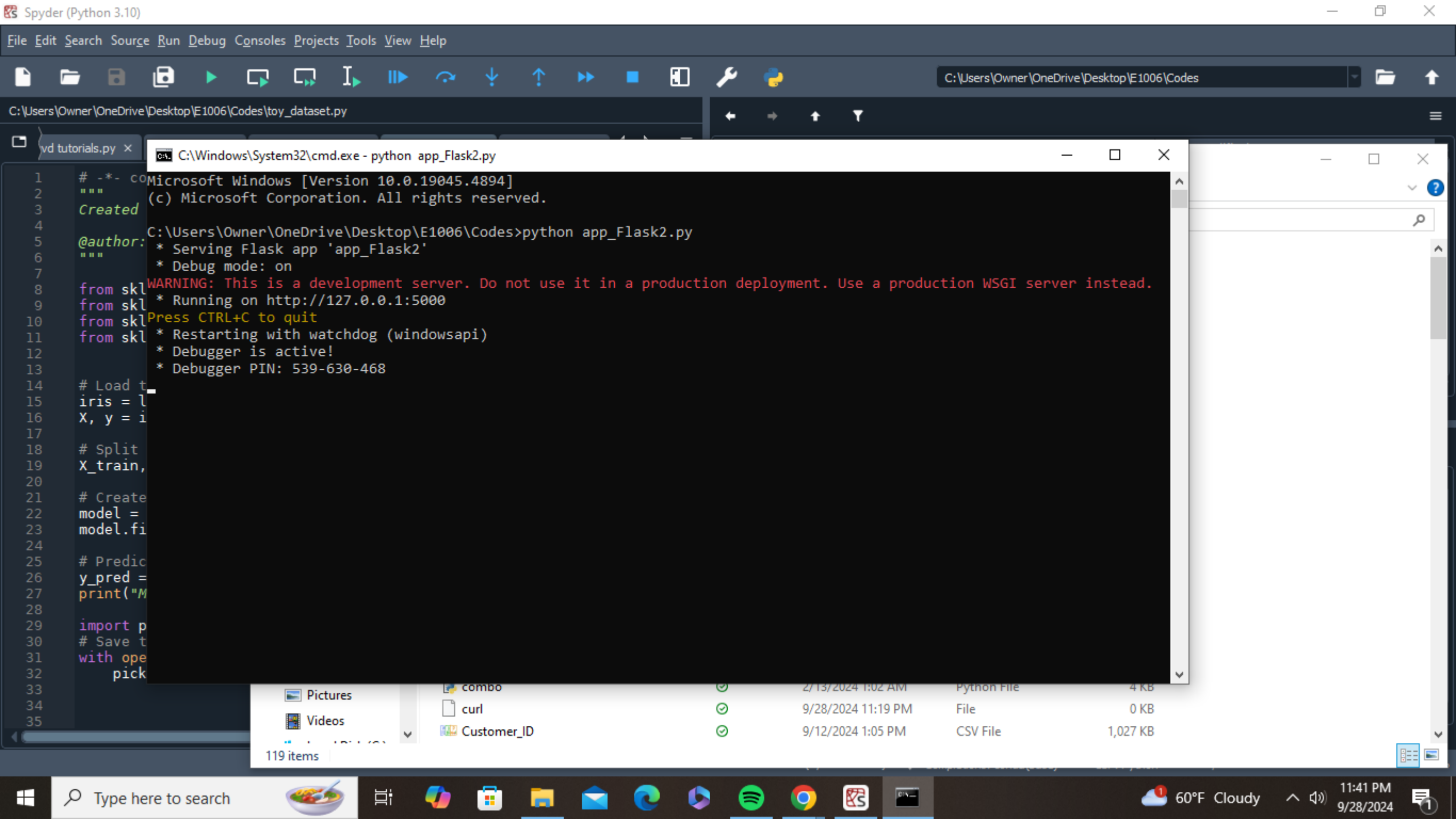
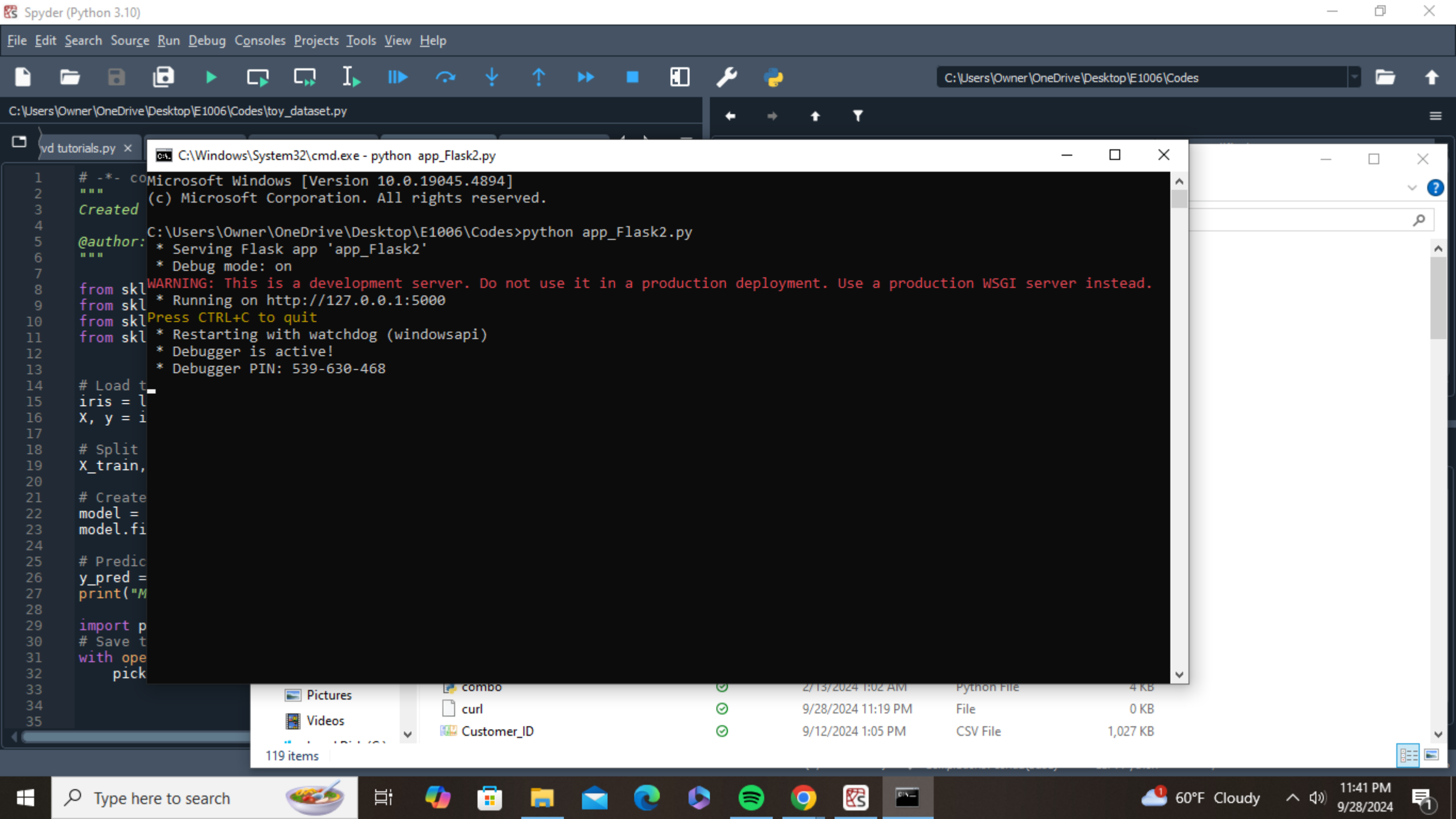
Mem 82%

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Welcome to my flask app!

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HelpVariable ExplorerPlotsFiles

Console 1/A ×

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