

File Edit Selection View Go Run Terminal Help • app.py - sprint 4 - Visual Studio Code

EXPLORER

- SPRINT 4
 - env
 - Include
 - Lib
 - Scripts
 - share
 - xgboost
 - pyenv.cfg
 - static\CSS
 - images.jpeg
 - sea.jpg
 - templates
 - home.html
 - images.jpeg
 - sea.jpg
 - app.py
 - model.pkl
 - my_scaler.save

app.py

```
1 from flask import Flask, request, render_template
2 import pickle
3 import pandas as pd
4 import numpy as np
5 import joblib
6 scaler = joblib.load("my_scaler.save")
7
8
9 app = Flask(__name__)
10 model = pickle.load(open('model.pkl', 'rb'))
11
12 @app.route("/home")
13 @app.route("/")
14 def hello():
15     return render_template("home.html")
16
17 @app.route("/predict", methods = ["GET", "POST"])
18 def predict():
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

* Running on http://127.0.0.1:5000

Press CTRL+C to quit

* Restarting with stat

C:\Users\dhars\Downloads\sprint 4\env\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator StandardScaler from version 0.24.0 when using version 1.1.3. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations

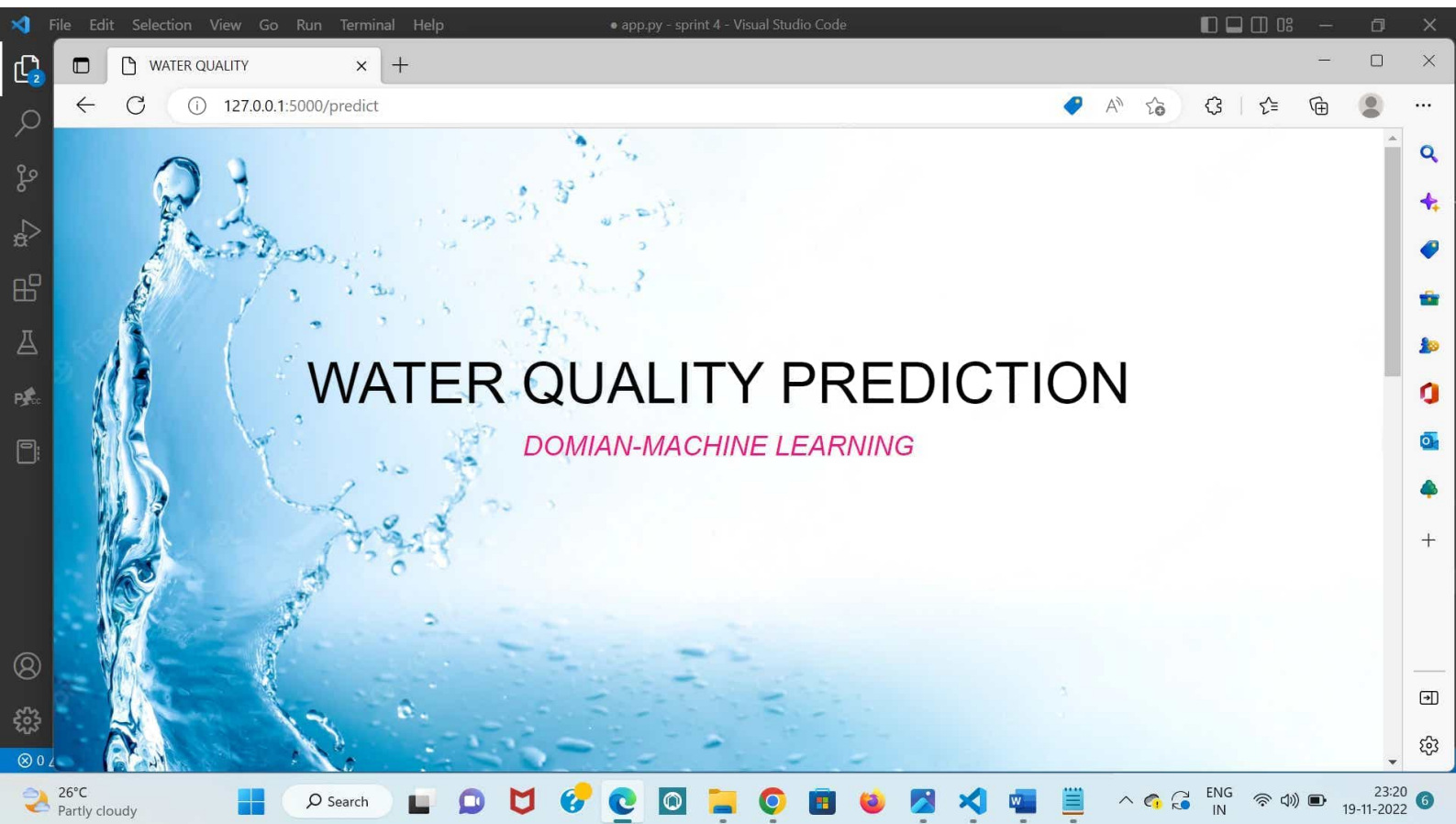
warnings.warn(

* Debugger is active!

0 0 0 Ln 15, Col 40 Spaces: 4 UTF-8 CRLF Python 3.9.13 ('env': venv)

26°C Partly cloudy Search

23:15 19-11-2022



Screenshots

WATER QUALITY

127.0.0.1:5000/predict

pH value : 7 Hardness : 7 Solids : 0

Chloramines : 5 Sulfate : 7 Conductivity : 8

Organic_carbon : 3 Trihalomethanes : 5 Turbidity : 9

Water quality Test

water is Potable for human consumption

26°C Partly cloudy

Search

ENG IN

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