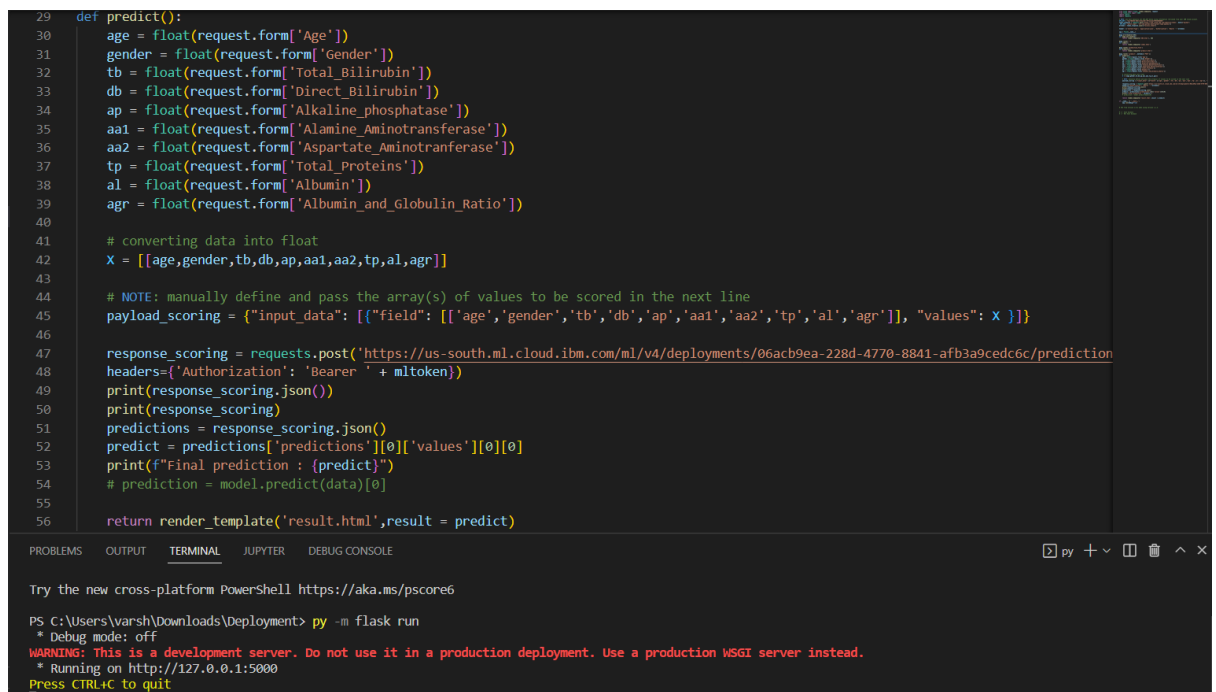


APPLICATION BUILDING

RUN THE APP

Date	19 November 2022
Team ID	PNT2022TMID04221
Project Name	Project – Statistical Machine Learning Approaches to Liver Disease Prediction

- Open new Visual Studio Code from the start menu.
- Navigate to the folder where your python script is.
- Now type “app.py” command
- It will show the local host where your app is running on **http://127.0.0.1:8000/**
- Copy that local host URL and open that URL in the browser. It does navigate me to where you can view your web page.
- Enter the values, click on the predict button and see the result/prediction on the web page.



```
29 def predict():
30     age = float(request.form['Age'])
31     gender = float(request.form['Gender'])
32     tb = float(request.form['Total_Bilirubin'])
33     db = float(request.form['Direct_Bilirubin'])
34     ap = float(request.form['Alkaline_phosphatase'])
35     aa1 = float(request.form['Alamine_Aminotransferase'])
36     aa2 = float(request.form['Aspartate_Aminotranferase'])
37     tp = float(request.form['Total_Proteins'])
38     al = float(request.form['Albumin'])
39     agr = float(request.form['Albumin_and_Globulin_Ratio'])
40
41     # converting data into float
42     x = [[age,gender,tb,db,ap,aa1,aa2,tp,al,agr]]
43
44     # NOTE: manually define and pass the array(s) of values to be scored in the next line
45     payload_scoring = {"input_data": [{"field": ["age","gender","tb","db","ap","aa1","aa2","tp","al","agr"], "values": x }]}
46
47     response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/06acb9ea-228d-4770-8841-afb3a9cedc6c/prediction
48     headers={'Authorization': 'Bearer ' + mltoken})
49     print(response_scoring.json())
50     print(response_scoring)
51     predictions = response_scoring.json()
52     predict = predictions["predictions"][0][0]
53     print(f"Final prediction : {predict}")
54     # prediction = model.predict(data)[0]
55
56     return render_template('result.html',result = predict)
```

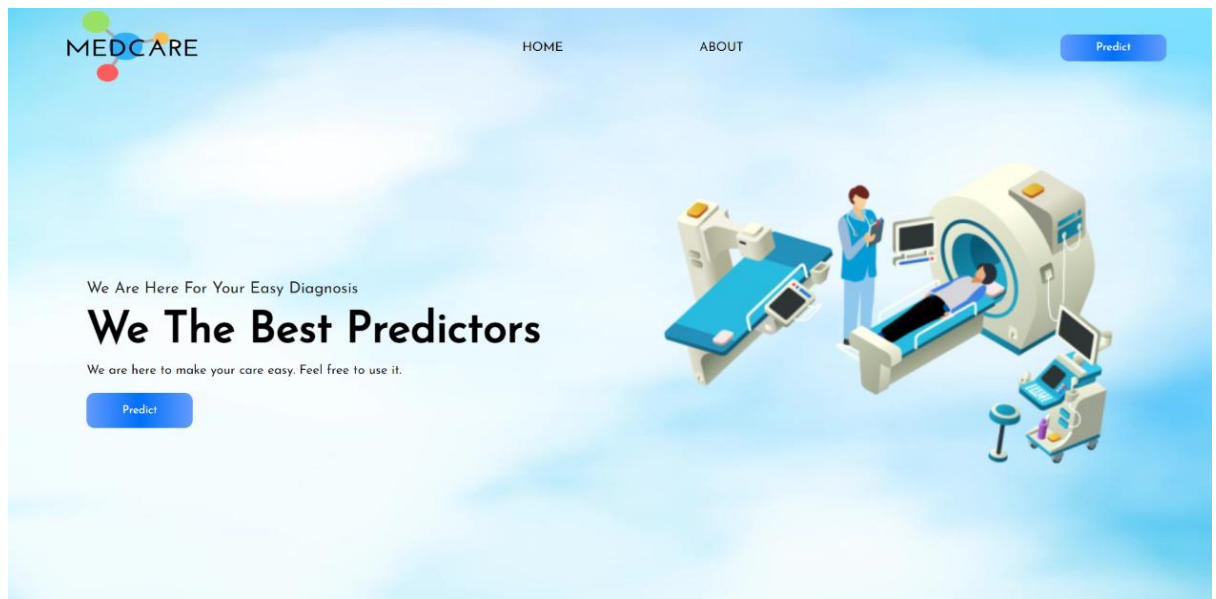
PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

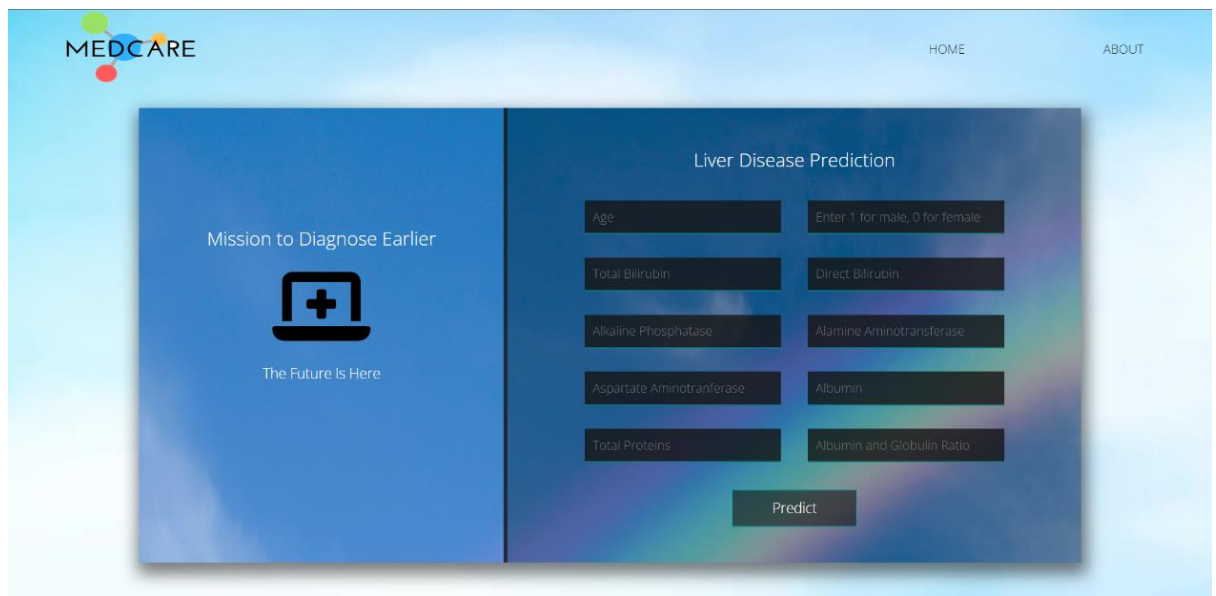
```
PS C:\Users\varsh\Downloads\Deployment> py -m flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

Showcasing the UI

Index (Home_page):



Predict Page:



Output:

