

# Early Detection of Chronic Kidney Disease using Machine Learning Output Screenshots

## Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID32547
Project Name	Project – Early Detection of Chronic Kidney Disease using Machine Learning

```
app.py - CKD prediction - Visual Studio Code
EXPLORER
  CKD PREDICTION
    > __pycache__
    > static
    > style.css
    > templates
    > result.html
    > testform.html
    > app.py
  testform.html
  app.py
  result.html
  style.css

app.py
44 appet = request.form.get('appetite')
45 pe = request.form.get('pedal edema')
46 ane = request.form.get('anemia')
47
48 t=[id,age,bp,sg,al,su,rbc,pc,pcc,ba,bgr,bu,sc,sod,pot,he,mo,pcv,wc,rc,htn,dm,cad,appet,pe,ane]]
49
50 payload_scoring = {"input_data": [{"fields": [{"id","age","bp","sg","al","su","rbc","pc","pcc","ba","bgr","bu","sc","sod","pot","he
51
52 response_scoring = requests.post("https://us-south.ml.cloud.ibm.com/ml/v4/deployments/c7d79b2c-9171-449a-903d-cb3dc1038fd2/predicti
53 headers={"Authorization": "Bearer " + mltoken})
54 print("Scoring response")
55 pred=response_scoring.json()
56 output=pred['predictions'][0]['values'][0][0]
57 print(output)
58 return render_template("result.html",y=str(output))
59
60 return render_template("testform.html")
61
62 if __name__ == "__main__":
63     app.run(debug=False)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

History restored

Copyright (c) Microsoft Corporation. All rights reserved.

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

PS C:\Users\Ihemozhi\Desktop\CKD prediction> python -m flask run

\* Environment: production

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

Use a production web server instead.

\* Debug mode: on

\* Running on <http://127.0.0.1:5000> (Press CTRL+C to quit)

Ln 60, Col 1 Spaces: 2 UTF-8 CRLF Python 3.10.4 64-bit

Type here to search 28°C Cloudy 12:22 AM 30-10-2022

CKD Prediction Form

127.0.0.1:5000

## Chronic Kidney Disease Prediction

*Act early, Live longer.*

Age

43

Blood Pressure

100

Specific Gravity

1.025

Albumin

0

Sugar

0

Type here to search

28°C Cloudy

12:23 AM 30-10-2022

CKD Prediction Form

127.0.0.1:5000

Red Blood Cells

Normal

Pus Cells

Normal

Pus Cell Clumps

Not Present

Bacteria

Not Present

Blood Glucose Random

108

Blood Urea

25

Serum Creatinine

1

Type here to search

28°C Cloudy

12:23 AM 30-10-2022

CKD Prediction Form

127.0.0.1:5000

Sodium

144

Potassium

5

Hemoglobin

17.8

Packed Cell Volume

43

White Blood Cell Count

7200

Red Blood Cell Count

5.5

Hypertension

No

Type here to search

28°C Cloudy

12:24 AM 30-10-2022

CKD Prediction Form

127.0.0.1:5000

Hypertension

No

Diabetes Mellitus

No

Coronary Artery Disease

No

Appetite

Good

Pedal Edema

No

Anemia

No

SUBMIT

Type here to search

28°C Cloudy

12:24 AM 30-10-2022

