

- **App.py Code Screen**

```
App.py - C:\Users\ELCOT\Downloads\App.py (3.9.2)
File Edit Format Run Options Window Help

import numpy as np
import pandas as pd
from flask import Flask, request, render_template
import pickle

app = Flask(__name__)
model = pickle.load(open('CKD.pkl', 'rb'))

@app.route('/')
def home():
    return render_template('home.html')

@app.route('/Prediction', methods=['POST', 'GET'])
def prediction():
    return render_template('indexnew.html')

@app.route('/Home', methods=['POST', 'GET'])
def my_home():
    return render_template('home.html')

@app.route('/predict', methods=['POST'])
def predict():
    #input_features = ([int(x) for x in request.form.values()])
    blood_urea = request.form["blood_urea"]
    blood_glucose_random = request.form["blood_glucose_random"]
    anemia = request.form["Anemia"]
    if (anemia == "no"):
        anemia = 0
    if (anemia == "yes"):
        anemia = 1
    coronary_artery_disease = request.form["coronary_artery_disease"]
    if (coronary_artery_disease == "no"):
        coronary_artery_disease = 0
    if (coronary_artery_disease == "yes"):
        coronary_artery_disease = 1

    bus_cell = request.form["bus cell"]
```

RUNNING SUCESSFULLY

```
base) C:\Users\GOKUL\Desktop\IBM\Run>python App.py
* Serving Flask app 'App'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production
* Running on http://localhost:5000
Press CTRL+C to quit
```

- **home.html Code Screen**

```
1 {% extends 'main.html' %}
2 {% block content %}
3 {% if message %}
4     <div class="alert alert-danger">{{ message }}</div>
5 {% endif %}
6
7 <html lang="en">
8 <head>
9     <meta charset="utf-8">
10    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
11    <meta name="description" content="">
12    <meta name="author" content="">
13
14    <title>Kidney Disease Prediction</title>
15
16    <link rel="canonical" href="https://getbootstrap.com/docs/4.0/examples/carousel/">
17
18    <!-- Bootstrap core CSS -->
19    <link href="../../dist/css/bootstrap.min.css" rel="stylesheet">
20
21    <style>
22        .jumbotron{
23            background-color: bisque;
24        }
25        .btn{
26            color: white;
27            background-color: #6cc1c3;
28            border-color: #6cc1c3;
29        }
30        .lead{
31            background-image: url(/kidney.jpg);
32        }
33    </style>
34
35 </head>
36 <body>
37
38    <main role="main">
```

- **about.html Code Screen**

```
28 </nav>
29 <h1>About Us</h1>
30 </section>
31
32 <!-- about us content -->
33
34 <section class="about-us">
35     <div class="row">
36         <div class="about-col">
37             <h3>Chronic Kidney Disease using Machine Learning</h3>
38             <p>In this project, we have provided a solution to find chronic kidney disease using machine learning techniques which produces high accurate results.</p>
39             <a href="https://www.mayoclinic.org/diseases-conditions/chronic-kidney-disease/symptoms-causes/syc-20354521" class="hero-btn red-btn">EXPLORE MORE</a>
40         </div>
41         <div class="about-col">
42             
43         </div>
44     </div>
45 </section>
46
47 <!-- footer -->
48
49 <section class="footer">
50     <h4>About Us</h4>
51     <p>To care your health with less time and effort spent and to detect the chronic kidney disease at earlier stage, use our website and get benefited.</p>
52     <div class="icons">
53         <i class="fa fa-facebook"></i>
54         <i class="fa fa-twitter"></i>
55         <i class="fa fa-instagram"></i>
56         <i class="fa fa-linkedin"></i>
57     </div>
58     <p>Made <i class="fa fa-heart-o"></i> by PNT2022TMID31803</p>
59 </section>
60
61 <!--JavaScript for toggle menu-->
62 <script>
```

- **prediction.html Code Screen**

```
D:\IBM 1\Run\templates\prediction.html (IBM 1) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  IBM 1
    idea
    Run
      Images
      static
      templates
        Images
        static
      about.html
      bookapp.html
      contact.html
      home.html
      prediction.html
      result.html
    about1.jpg
    App.py
    app1.py
    bp.png
    CKD.pkl
    creatinine.png
    images.png
    prediction.jpg
    swe.png
    app.py
    home.html
    index.html
    kidney.html
    main.html
    predict.html

prediction.html
1 <html>
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine Learning</title>
5 <link rel="stylesheet" href="static/style.css">
6 <link href="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
8 </head>
9 <style>
10 h1 {text-align: center;}
11 </style>
12 <h1>Early Detection of Chronic Kidney Disease using Machine Learning</h1>
13 <body>
14 <section class="sub-header">
15 <nav>
16 <a href="index.html"></a>
17 <div class="nav-links" id="navlinks">
18 <i class="fa fa-close" onclick="hideMenu()"></i>
19 <ul>
20 <li><a href="index.html">HOME</a></li>
21 <li><a href="about.html">ABOUT</a></li>
22 <li><a href="prediction.html">PREDICTION</a></li>
23 <li><a href="result.html">RESULT</a></li>
24 <li><a href="contact.html">CONTACT</a></li>
25 </ul>
26 </div>
27 <i class="fa fa-bars" onclick="showMenu()"></i>
28 </nav>
29
30 </section>
31
32 <!-- Blog Page Content -->
33
34 <section class="blog-content">
35 <div class="row">
36 <div class="blog-left">
37 
38 <h2>Early Detection of Chronic Kidney Disease</h2>
39
40 <p>Living with diabetes is difficult, thinking about what you eat. But controlling the sugar levels are really important for helping
```

- **result.html Code Screen**

```
D:\IBM 1\Run\templates\result.html (IBM 1) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  IBM 1
    idea
    Run
      Images
      static
      templates
        Images
        static
      about.html
      bookapp.html
      contact.html
      home.html
      prediction.html
      result.html
    about1.jpg
    App.py
    app1.py
    bp.png
    CKD.pkl
    creatinine.png
    images.png
    prediction.jpg
    swe.png
    app.py
    home.html
    index.html
    kidney.html
    main.html
    predict.html

result.html
1 <html>
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine Learning</title>
5 <link rel="stylesheet" href="static/style.css">
6 <link href="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
8 </head>
9 <style>
10 h1 {text-align: center;}
11 </style>
12 <h1>Early Detection of Chronic Kidney Disease using Machine Learning</h1>
13 <body id="top">
14 <section class="sub-header">
15 <nav>
16 <a href="index.html"></a>
17 <div class="nav-links" id="navlinks">
18 <i class="fa fa-close" onclick="hideMenu()"></i>
19 <ul>
20 <li><a href="home.html">HOME</a></li>
21 <li><a href="about.html">ABOUT</a></li>
22 <li><a href="prediction.html">PREDICTION</a></li>
23 <li><a href="result.html">RESULT</a></li>
24 <li><a href="contact.html">CONTACT</a></li>
25 </ul>
26 </div>
27 <i class="fa fa-bars" onclick="showMenu()"></i>
28 </nav>
29 <h1>Prediction Result</h1>
30 </section>
31
32 <section>
33 <div class="container">
34 <div class="row">
35
36
37 <div style="background-color: pink; text-align: center;">
38 <h1>Chronic Kidney Disease</h1><h3>Machine Learning Web Application</h3>
39 </div>
40 <br/>
```

- **contact.html Code Screen**

```
D:\IBM 1\Run\templates\contact.html (IBM 1) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  IBM 1
  idea
  Run
  Images
  static
  templates
  Images
  static
  about.html
  bookapp.html
  contact.html
  home.html
  prediction.html
  result.html
  about1.jpg
  app.py
  bp.png
  CKD.pkl
  creatinine.png
  images.png
  prediction.jpg
  swe.png
  app.py
  home.html
  index.html
  kidney.html
  main.html
  predict.html

19 <i class="fa fa-close" onclick="hideMenu()"></i>
20 <ul>
21 <li><a href="home.html">HOME</a></li>
22 <li><a href="about.html">ABOUT</a></li>
23 <li><a href="prediction.html">PREDICTION</a></li>
24 <li><a href="result.html">RESULT</a></li>
25 <li><a href="contact.html">CONTACT</a></li>
26 </ul>
27 </div>
28 <i class="fa fa-bars" onclick="showMenu()"></i>
29 </nav>
30 <h1>Contact Us</h1>
31 </section>
32
33
34 <!----- Contact Us ----->
35
36
37 <section class="location">
38 <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3887.368144678623!2d77.553843414190371!3d13.012212417508028!2m3!1f0!2f0!3f0!3m2!1!1024!2!768!4f13.1!3m3!1m2!1s0x3bae3d7f3535d71b3a:0x660d25b66e9fb25c!2sWorld+Trade+Centre!5e0!3m2!1sen!2sin!4v1565255080367!5m2!1sen!2sin! width="720" height="445" frameborder="0" style="border:0" allowfullscreen"></iframe>
39 </section>
40
41 <section class="contact-us">
42 <div class="row">
43 <div class="contact-col">
44 <div>
45 <i class="fa fa-home"></i>
46 <span>
47 <h5>Xyz Road, AbcEngineering College</h5>
48 <p>Y city , IN</p>
49 </span>
50 </div>
51 <div>
52 <i class="fa fa-phone"></i>
53 <span>
54 <h5>+1 0123456789</h5>
55 <p>Monday to Saturday 10 Am to 6 Pm</p>
56 </span>
57 </div>
58 </div>
59 </section>
```

## bookapp.html Code Screen

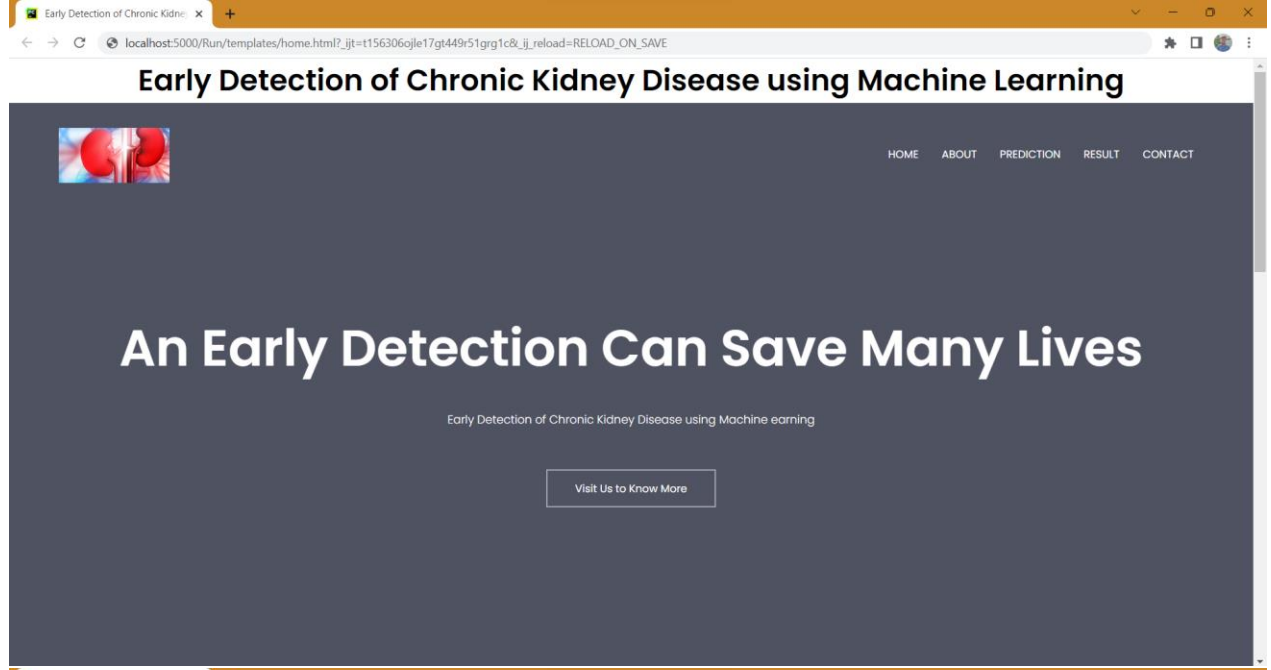
```
D:\IBM 1\Run\templates\bookapp.html (IBM 1) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  IBM 1
  idea
  Run
  Images
  static
  templates
  Images
  static
  about.html
  bookapp.html
  contact.html
  home.html
  prediction.html
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  about1.jpg
  app.py
  bp.png
  CKD.pkl
  creatinine.png
  images.png
  prediction.jpg
  swe.png
  app.py
  home.html
  index.html
  kidney.html
  main.html
  predict.html

1 <html>
2 <head>
3 <title>BOOKING APPOINTMENT</title>
4 <link rel="stylesheet" href="ft-form-styles-v3.css">
5
6 <body>
7
8 <form action="https://form.taxi/s/ie0eia58" id="ft-form" method="POST" accept-charset="UTF-8">
9 <fieldset>
10 <legend>For person</legend>
11 <label>
12 Name
13 <input type="text" name="name" required>
14 </label>
15 <div class="two-cols">
16 <label>
17 Email address
18 <input type="email" name="email" required>
19 </label>
20 <label>
21 Phone number
22 <input type="tel" name="phone">
23 </label>
24 </div>
25 </fieldset>
26 <fieldset>
27 <legend>Appointment request</legend>
28 <div class="two-cols">
29 <label>
30 Datum
31 <input type="date" name="Appointment request" required>
32 </label>
33 <div class="inline">
34 <label>
35 <input type="hidden" name="Morning desired" value="no">
36 <input type="checkbox" name="Morning desired" value="yes">
37 Morning
38 </label>
39 <label>
40 <input type="hidden" name="Afternoon desired" value="no">
```

## LOCAL DEPLOYMENT SCREEN:

```
base) C:\Users\GOKUL\Desktop\IBM\Run>python App.py
* Serving Flask app 'App'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production server.
* Running on http://localhost:5000
Press CTRL+C to quit
```



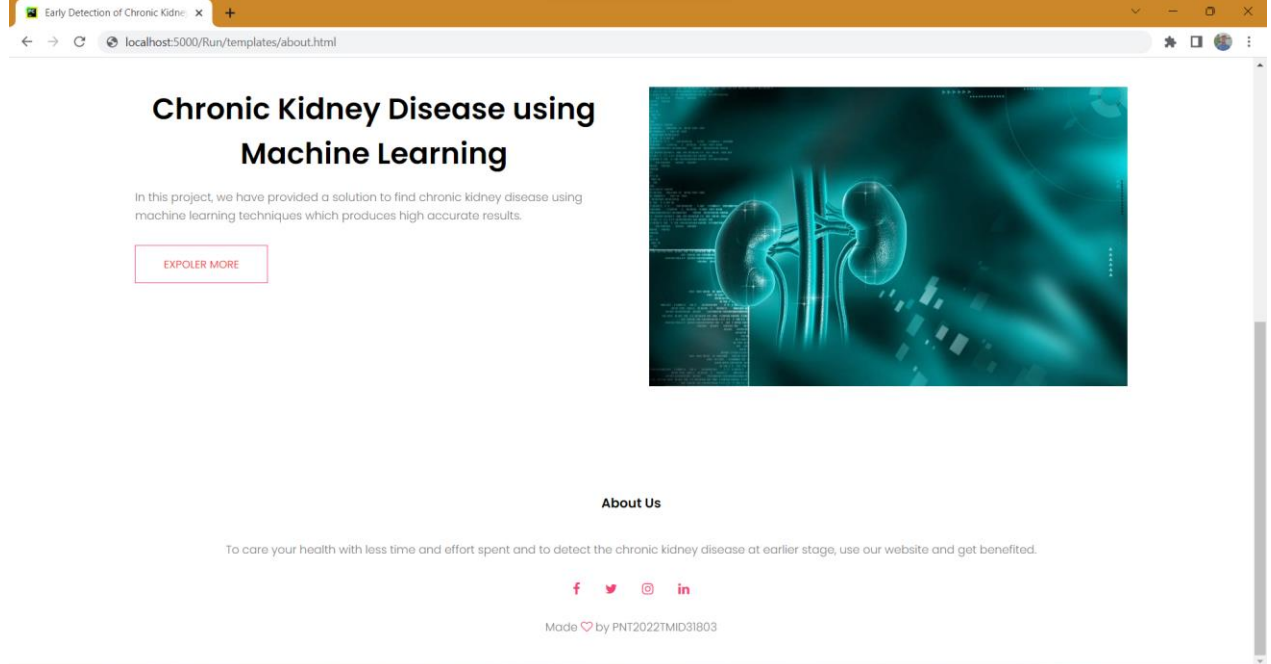
Early Detection of Chronic Kidney Disease using Machine Learning

HOME ABOUT PREDICTION RESULT CONTACT

# An Early Detection Can Save Many Lives

Early Detection of Chronic Kidney Disease using Machine learning


[Visit Us to Know More](#)



## Chronic Kidney Disease using Machine Learning

In this project, we have provided a solution to find chronic kidney disease using machine learning techniques which produces high accurate results.

[EXPLORER MORE](#)



### About Us

To care your health with less time and effort spent and to detect the chronic kidney disease at earlier stage, use our website and get benefited.

[f](#) [t](#) [@](#) [in](#)

Made with ❤ by PNT2022TMD31803

Early Detection of Chronic Kidne: x

localhost:63342/Run/templates/prediction.html

# Chronic Kidney Disease

## Machine Learning Web Application

### About Us

To care your health with less time and effort spent and to detect the chronic kidney disease at earlier stage, use our website and get benefited.

f t @ in

Made by PNT2022TMD31803

Blood Urea 55

Blood Glucose Random 5

Select Anemia yes

Select Coronary Artery Disease yes

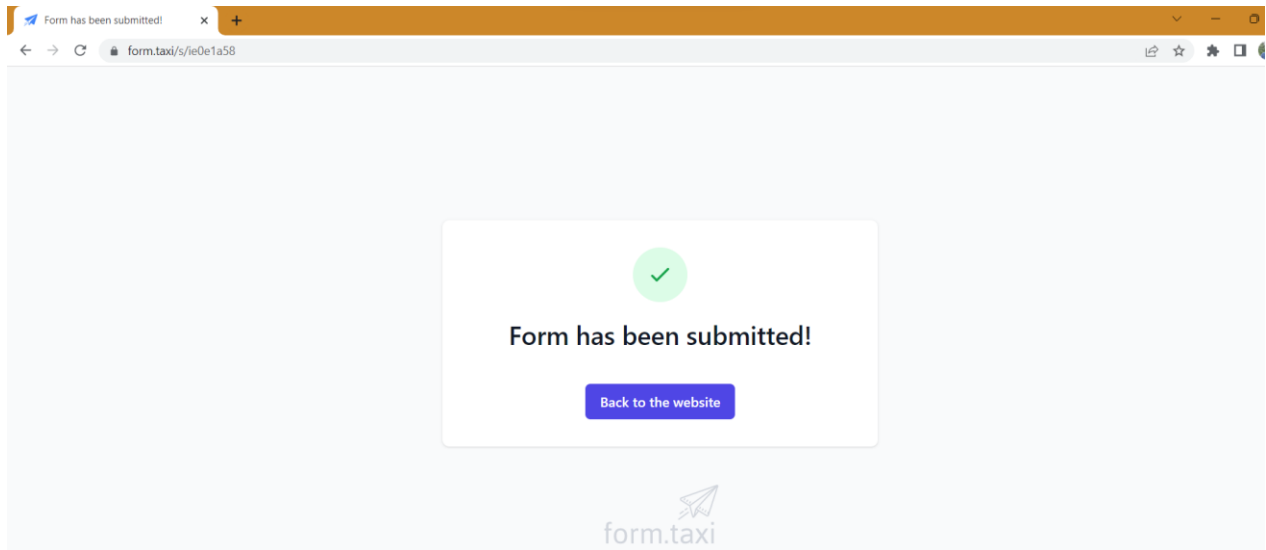
Select Pus Cell no

Select Red Blood Cell yes

Select Diabetics Mellitus yes

Select Pedal Edema yes

PREDICT



BOOKING APPOINTMENT

localhost:63342/Run/templates/bookapp.html

---


For person

Name

Email address  Phone number

---

Appointment request

Datum  

☐ Morning ☒ Afternoon

Confirmation requested by

☐ Email ☒ Phone call

---