

Statistical Machine Learning Approaches to Liver Disease Prediction

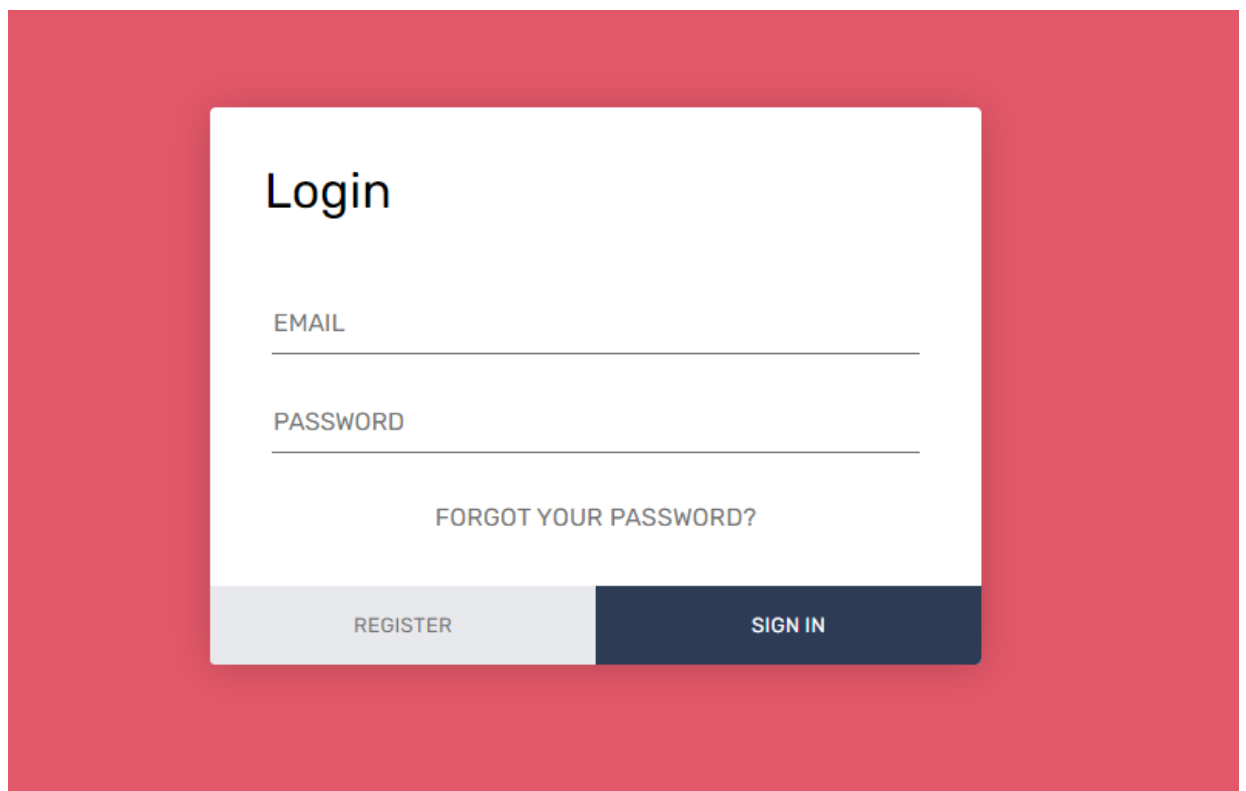
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Run the App

- Run the application from anaconda prompt
- Open new anaconda prompt from the start menu
 - Navigate to the folder where your python script is.
- Now type “python app.py” command
- It will show the local host where your app is running
- on `http://127.0.0.1:5000/`
- 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.
- Showcasing the output on UI
- Predict page is displayed when predict button is clicked. In predict page, enter Input values to predict the liver disease or not. Finally, the prediction for the given input features is shown.

Home Page:

A login form is centered on a solid pink background. The form is a white rectangle with rounded corners. At the top left of the form is the word "Login" in a large, black, sans-serif font. Below it are two input fields: the first is labeled "EMAIL" and the second is labeled "PASSWORD", both in a smaller, grey, sans-serif font. Below the password field is a link that says "FORGOT YOUR PASSWORD?" in a small, grey, sans-serif font. At the bottom of the form are two buttons: a light grey button on the left labeled "REGISTER" and a dark blue button on the right labeled "SIGN IN", both in a small, white, sans-serif font.

Login

EMAIL

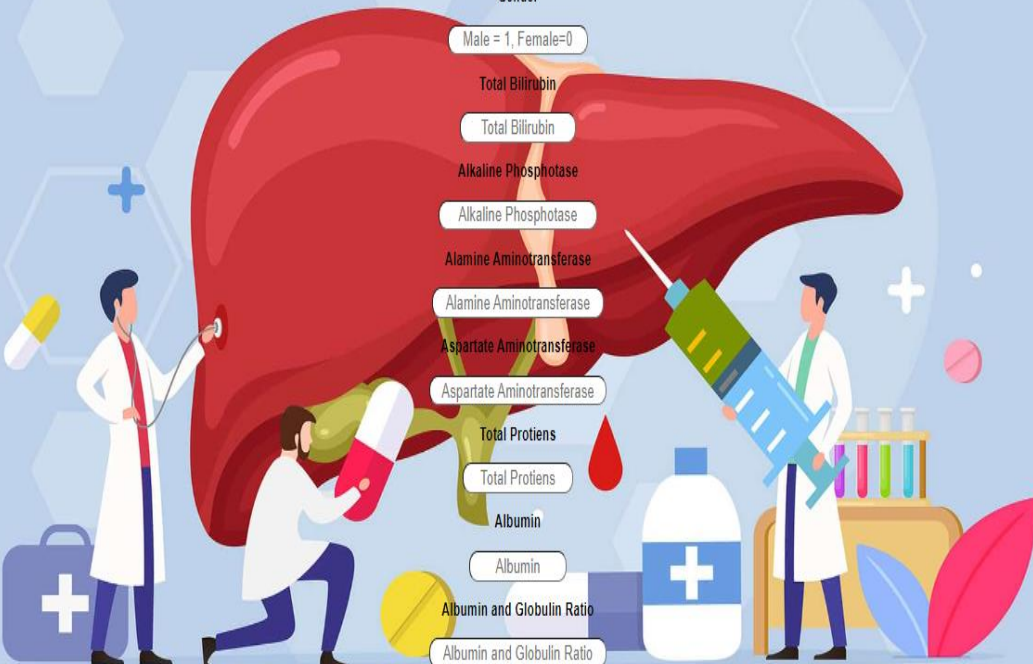
PASSWORD

FORGOT YOUR PASSWORD?

REGISTER SIGN IN

Prediction Page:

Liver Disease Prediction



The illustration features a large, realistic red liver in the center. To the left, a doctor in a white coat uses a stethoscope on the liver, with a medical bag nearby. In the foreground, another person in a white coat holds a large red and white pill. To the right, a doctor holds a large blue and green syringe, with a rack of test tubes and a large pink and blue leaf in the background. The entire scene is set against a light blue background with faint hexagonal patterns.

Age

Gender

Total Bilirubin

Alkaline Phosphatase

Alamine Aminotransferase

Aspartate Aminotransferase

Total Protiens

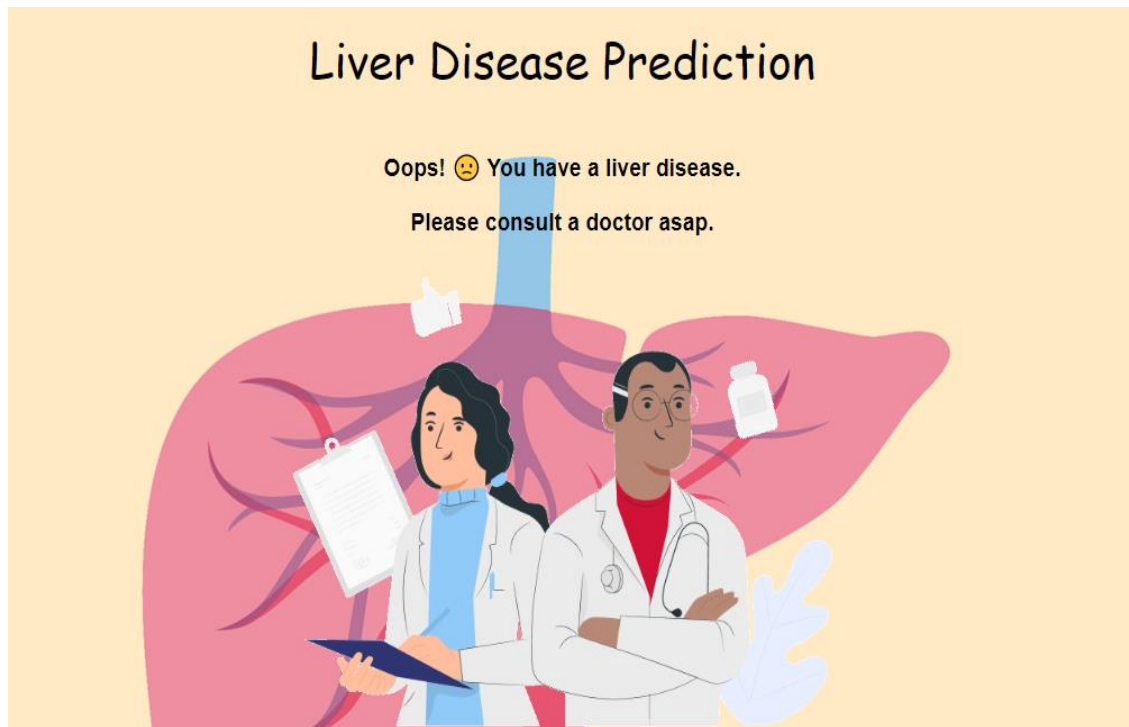
Albumin

Albumin and Globulin Ratio

Enter the values to get the predictions if the patient has liver disease or not.

Output:

If you have the liver Disease the Result show as



You not a have a liver disease it will show as

Liver Disease Prediction

🥳 Congratulations! 🥳

You don't have a liver disease.

