### MediForcast

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- Heart Disease Prediction
- Diabetes Prediction
- Pneumonia Prediction
- Liver Disease Prediction
- F Breast Cancer Prediction

# MediForcast: A disease prediction system

Welcome to MediForcast, your reliable health prediction system powered by machine learning. This platform is designed to help you predict the likelihood of suffering from various diseases based on your attributes. With the assistance of cutting-edge algorithms and a user-friendly interface, you can make informed decisions about your health and well-being.

This system can predict multiple diseases, including heart disease and diabetes, using advanced machine learning techniques. You can input specific attribute values, such as age, blood pressure, cholesterol levels, and more, and our system will provide you with a prediction regarding your risk of developing the disease. This early insight can empower you to take preventive measures and consult with healthcare professionals.

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Using this prediction system is easy:

- Select the disease you want to predict.
- · Input your attribute values in the provided fields.
- · Click the 'Test' button to receive your disease prediction.
- · The system will show whether you have the disease or not.

In addition to disease prediction, caring about your overall well-being, here are some general health tips:

- Maintain a balanced diet rich in fruits, vegetables, and whole grains.
- Engage in regular physical activity to keep your body and mind active.
- Get enough sleep to ensure proper rest and rejuvenation.

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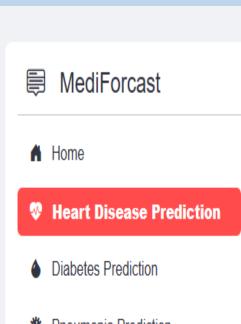
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In addition to disease prediction, caring about your overall well-being, here are some general health tips:

- Maintain a balanced diet rich in fruits, vegetables, and whole grains.
- Engage in regular physical activity to keep your body and mind active.
- Get enough sleep to ensure proper rest and rejuvenation.
- Stay hydrated by drinking an adequate amount of water daily.
- · Manage stress through relaxation techniques, hobbies, and spending time with loved ones.
- Regular health check-ups are essential for early detection and prevention.

Please note that these predictions are based on algorithms and available data. They are not a substitute for professional medical advice. Always consult a healthcare professional for accurate diagnosis and personalized recommendations.

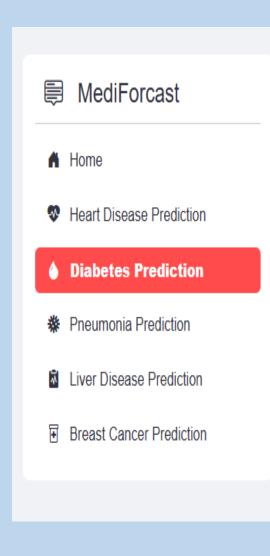
Thank you for choosing MediForcast to empower your health journey. Get started by exploring our prediction capabilities and gaining valuable health insights.



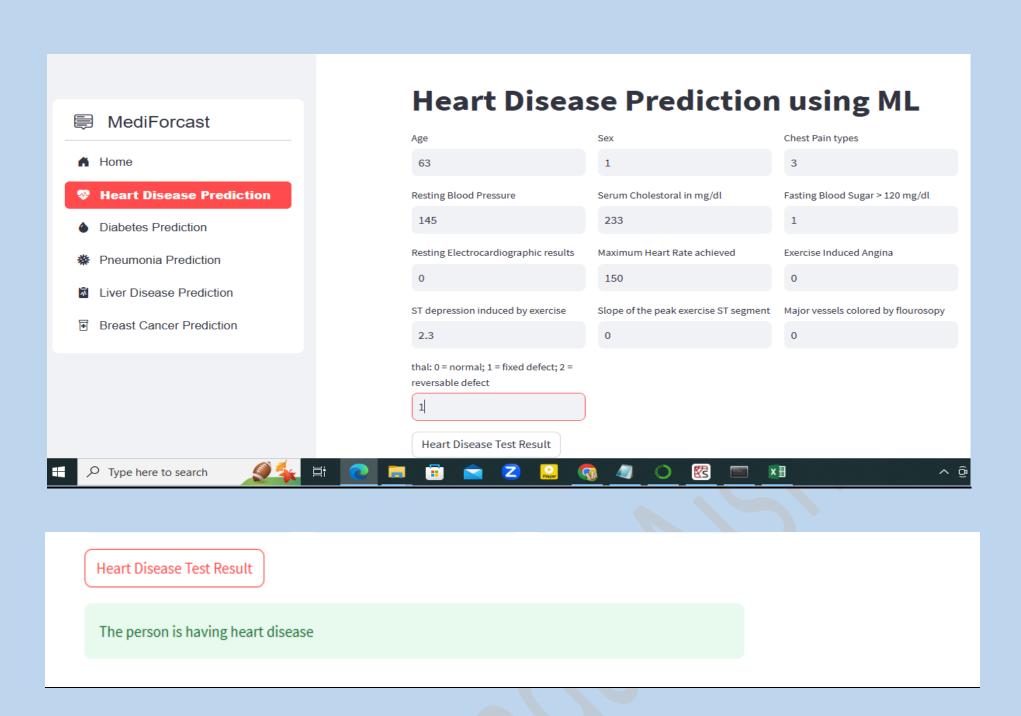
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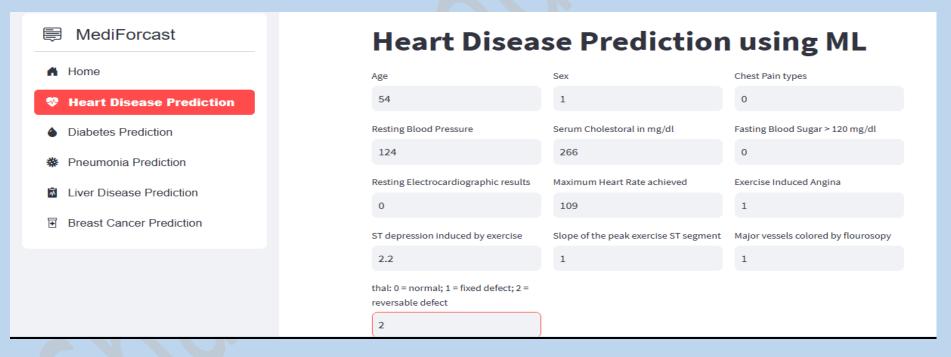
## **Heart Disease Prediction using ML**

Age	Sex	Chest Pain types
Resting Blood Pressure	Serum Cholestoral in mg/dl	Fasting Blood Sugar > 120 mg/dl
Resting Electrocardiographic results	Maximum Heart Rate achieved	Exercise Induced Angina
θ-γ		
ST depression induced by exercise	Slope of the peak exercise ST segment	Major vessels colored by flourosopy
thal: 0 = normal; 1 = fixed defect; 2 =		
reversable defect		



# Number of Pregnancies Glucose Level Blood Pressure value Skin Thickness value Insulin Level Diabetes Pedigree Function value Diabetes Test Result





Heart Disease Test Result

The person does not have any heart disease

