

SNAPSHOTS

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ApnaDoctor

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Disease Prediction Model

Start by filling your details and let the model do their work.

Name

Symptom1

Select your Symptom

Symptom3

Select your Symptom

Symptom5

Select your Symptom


Symptom2

Select your Symptom

Symptom4

Select your Symptom


Predict



Heart Disease Prediction

Heart disease is one of the biggest cause for morbidity and mortality among the population of the world. Prediction of cardiovascular disease is regarded as one of the most important subject in the section of clinical data analysis. The amount of data in the healthcare industry is huge. Data mining turns the large collection of raw healthcare data into information that can help to make informed decision and prediction.


Know your Heart Status



Breast Cancer Prediction

Breast cancer is one of the most common cancers among women worldwide, representing the majority of new cancer cases and cancer-related deaths according to global statistics, making it a significant public health problem in today's society. An automatic disease detection system aids medical staffs in disease diagnosis and offers reliable, effective, and rapid response as well as decreases the risk of death.

Know your Breast Cancer Status




Diabetes Prediction

Diabetes mellitus is a chronic disease characterized by hyperglycemia. Diabetes is considered as one of the deadliest and chronic diseases which causes an increase in blood sugar. Many complications occur if diabetes remains untreated and unidentified. The tedious identifying process results in visiting of a patient to a diagnostic center and consulting doctor. But the rise in machine learning approaches solves this critical problem.

Know your Diabetes Status

Designed and Developed by Simran Dhiman

SYMPTOMS OUTPUT PAGE:

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Disease Prediction Model

Start by filling your details and let the model do their work.

Output: Simran Dhiman, You have most of the chances of having **Acne**.

Name

Symptom1

Symptom3

Symptom5

Symptom2

Symptom4

Predict

HEART DISEASE PREDICTION PAGE:

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Heart Disease Prediction

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Among various life-threatening diseases, heart disease has garnered a great deal of attention in medical research. The diagnosis of heart disease is a challenging task, which can offer automated prediction about the heart condition of patient so that further treatment can be made effective. The diagnosis of heart disease is usually based on signs, symptoms and physical examination of the patient. There are several factors that increase the risk of heart disease, such as smoking habit, body cholesterol level, family history of heart disease, obesity, high blood pressure, and lack of physical exercise.

A major challenge faced by health care organizations, such as hospitals and medical centers, is the provision of quality services at affordable costs.¹ The quality service implies diagnosing patients properly and administering effective treatments. The available heart disease database consists of both numerical and categorical data. Before further processing, cleaning and filtering are applied on these records in order to filter the irrelevant data from the database.

The proposed system can determine an exact hidden knowledge, ie, patterns and relationships associated with heart disease from a historical heart disease database. It can also answer the complex queries for diagnosing heart disease; therefore, it can be helpful to health care practitioners to make intelligent clinical decisions.

Let's Get Started!

Start by filling your details and let the model do their work.

Age	FBS	SLOPE
<input type="text"/>	<input type="text"/>	<input type="text"/>
Sex	RESTECG	CA
<input type="text"/>	<input type="text"/>	<input type="text"/>
CP	THALACH	THAL
<input type="text"/>	<input type="text"/>	<input type="text"/>
TRESTEPS	EXANG	<input type="button" value="Submit"/>
<input type="text"/>	<input type="text"/>	
CHOL	OLDPEAK	
<input type="text"/>	<input type="text"/>	

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BREAST CANCER PREDICTION PAGE:

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Breast Cancer Prediction

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Breast cancer (BC) is one of the most common cancers among women worldwide, representing the majority of new cancer cases and cancer-related deaths according to global statistics, making it a significant public health problem in today's society.

The early diagnosis of BC can improve the prognosis and chance of survival significantly, as it can promote timely clinical treatment to patients. Further accurate classification of benign tumors can prevent patients undergoing unnecessary treatments. Thus, the correct diagnosis of BC and classification of patients into malignant or benign groups is the subject of much research. Because of its unique advantages in critical features detection from complex BC datasets, machine learning (ML) is widely recognized as the methodology of choice in BC pattern classification and forecast modelling.

Classification and data mining methods are an effective way to classify data. Especially in medical field, where those methods are widely used in diagnosis and analysis to make decisions.

Let's Get Started!

Start by filling your details and let the model do their work.

Mean Radius

Mean Texture

Mean Perimeter

Mean Area

Mean Smoothness

Submit


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DIABETES DISEASE PREDICTION:

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Diabetes Prediction

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Diabetes is a common chronic disease and poses a great threat to human health. The characteristic of diabetes is that the blood glucose is higher than the normal level, which is caused by defective insulin secretion or its impaired biological effects, or both. Diabetes can lead to chronic damage and dysfunction of various tissues, especially eyes, kidneys, heart, blood vessels and nerves.

Diabetes if untreated may turn into fatal and directly or indirectly invites lot of other diseases such as heart attack, heart failure, brain stroke and many more. Therefore, early detection of diabetes is very significant so that timely action can be taken and the progression of the disease may be prevented to avoid further complications.

Healthcare organizations accumulate huge amount of data including Electronic health records, images, omics data, and text but gaining knowledge and insight into the data remains a key challenge.

Let's Get Started!

Start by filling your details and let the model do their work.

Pregnancies	BMI
<input type="text"/>	<input type="text"/>
Glucose	Diabetes Prediction Function
<input type="text"/>	<input type="text"/>
Blood Pressure	Age
<input type="text"/>	<input type="text"/>
Skin Thickness	
<input type="text"/>	
Insulin	
<input type="text"/>	

Submit

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HEART DISEASE PREDICTION TABLE:

Let's Get Started!

Start by filling your details and let the model do their work.

Age	FBS	SLOPE
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Sex	RESTECG	CA
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
CP	THALACH	THAL
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
TRESTBPS	EXANG	<input type="submit" value="Submit"/>
<input type="text" value="0"/>	<input type="text" value="0"/>	
CHOL	OLDPEAK	
<input type="text" value="0"/>	<input type="text" value="0"/>	

BREAST CANCER PREDICTION TABLE:

Let's Get Started!

Start by filling your details and let the model do their work.

Mean Radius
<input type="text" value="0"/>
Mean Texture
<input type="text" value="0"/>
Mean Perimeter
<input type="text" value="0"/>
Mean Area
<input type="text" value="0"/>
Mean Smoothness
<input type="text" value="0"/>
<input type="submit" value="Submit"/>

DIABETES PREDICTION TABLE:

Let's Get Started!

Start by filling your details and let the model do their work.

Pregnancies	BMI
<input type="text" value="0"/>	<input type="text" value="0"/>
Glucose	Diabetes Prediction Function
<input type="text" value="0"/>	<input type="text" value="0"/>
Blood Pressure	Age
<input type="text" value="0"/>	<input type="text" value="0"/>
Skin Thickness	
<input type="text" value="0"/>	
Insulin	
<input type="text" value="0"/>	

Submit

FOR POSITIVE RESULT:


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Yippe! You are Healthy, having not any Breast Cancer Problems :)



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FOR NEGATIVE RESULT:

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I'm sorry but, You have Breast Cancer :/



You'll be facing some changes as you deal with breast cancer. Your energy levels might go up and down. You may be dealing with treatment side effects. There are plenty of things you can do to make those changes easier to handle.

How to Live Your Best With Breast Cancer?

1. Get better sleep.
2. Fight fatigue with exercise.
3. Snack to control nausea.
4. Make the most of your energy.

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