

Working of Diabetes Prediction:-

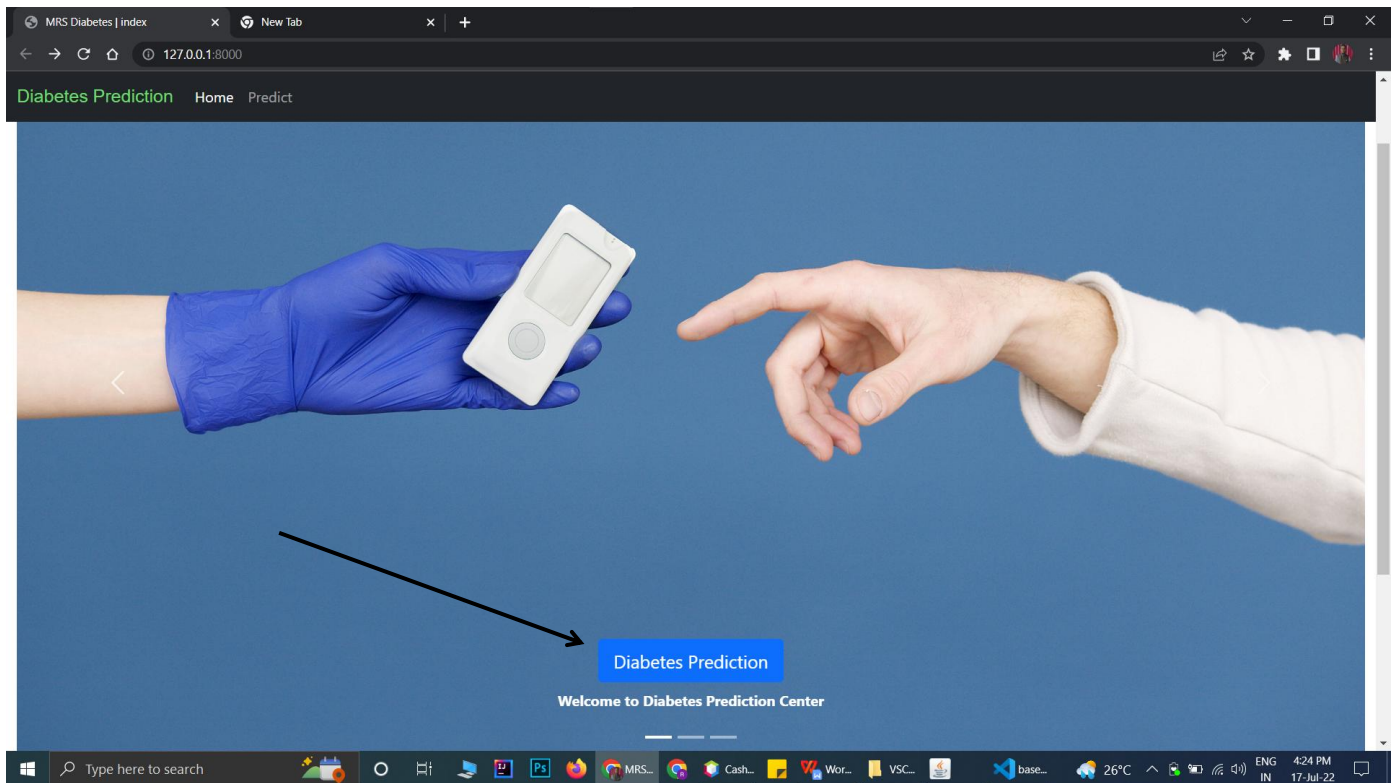
This project's objective is to predict whether a person is diabetic or not by just analysing his/her symptoms such as itching, muscle stiffness, obesity, visual blurring etc.

This model asks the patient whether he/she faces any symptom among 14 symptoms and then analyses the possibility of he/she being diabetic positive.

The Machine learning model possesses an accuracy of 99%.

Execution / Running the Project

1) Home Page



Clicking on Diabetes Prediction

2) Entering a patient details:-

The screenshot shows a web browser window with the URL `127.0.0.1:8000/predict/result?n1=50&n2=Male&n3=Yes&n4=No&n5=Yes&n6=No&n7=Yes&n8=No&n9=Yes&n10=No&n11=No&n12=Yes&n13=No&n14=No&n15=No&n16=Yes`. The page has a green header with the text "Welcome to diabetes prediction center" and a blue link "Please enter following information". Below this, a green message box says "Result : Oops! Seems like you are diabetes positive, please get yourself tested". The form contains the following fields:

Symptom	Value	Symptom	Value
Age	50	Gender	Male
Polyuria	Yes	Polydipsia	No
Sudden Weight loss	Yes	Weakness	No
Polyphagia	Yes	Genital_thrush	No
Visual blurring	Yes	Itching	No
Irritability:	No	Delayed healing:	Yes
Partial paresis	No	Muscle stiffness	No
Alopecia:	No	Obesity:	Yes

At the bottom of the form is a "Submit" button.

Considering an arbitrary patient: a male of age 50 years facing Polyuria, Sudden weight Loss, Polyphagia, visual blurring, Delayed healing and obesity.

The ML model predicts that the patient is probably diabetes positive as seen in the above image.