Elements of AIML

Assignment - 2



Name - Ronak Singh

SAP ID - 500120683

Batch - 12

Roll No. - R2142230381

Topic: Prediction of Diabetes in Females(P_D_F)

This is the home page of the flask app, i.e. <u>app.py</u> which is linked to the machine learning model made in **assignment-1** and was exported as <u>diabetes-model.pkl</u>

Now, the user enters data in the flask app for each features.

Sample data:

• Pregnancies: 10

• Glucose: 100

• Blood Pressure: 120

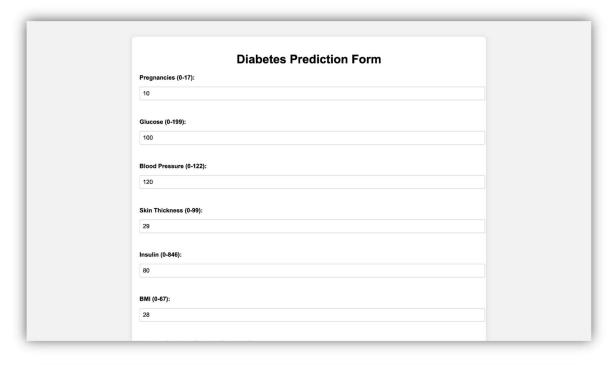
• Skin Thickness: 29

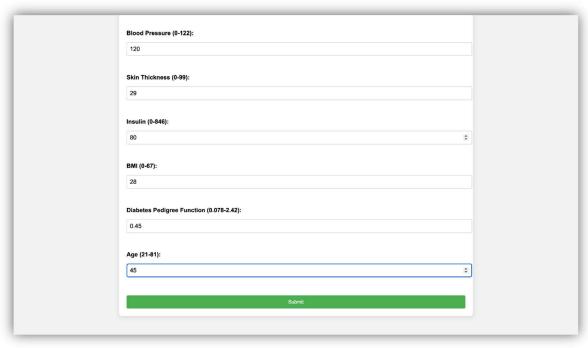
• Insulin: 80

• BMI:28

• Diabetes Pedigree function: 0.45

• Age: 45





Skin Thickness (0-99):
Insulin (0-846):
BMI (0-67):
Diabetes Pedigree Function (0.078-2.42):
Age (21-81):
Submit
Prediction: No Diabetes Probability of Diabetes: 43.0% Prediction made successfully!

The model calculates probability of diabetes : 43.0%

It Predicts : **No Diabetes**