**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*For Home Page\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Welcome to DiabetesPredict - Your Premier Diabetes Risk Assessment Solution**

Are you concerned about your risk of developing diabetes? Are you a healthcare professional looking for a reliable tool to assess your patients' diabetes risk? Look no further! DiabetesPredict is here to provide you with accurate predictions based on relevant data.

**Why Focus on Women's Health?**

Diabetes is a significant health concern, affecting millions of people worldwide. Research has shown that gender can play a role in diabetes risk factors and outcomes. That's why we've chosen to emphasize women's health in our prediction model. By considering gender-specific factors, we can offer more tailored and accurate predictions for women.

**Our Powerful Prediction Model**

Our state-of-the-art prediction model takes into account essential factors that influence diabetes risk:

* **Number of Pregnancies**: For women, the number of pregnancies can be a crucial factor in diabetes risk.
* **Glucose Levels**: Elevated glucose levels are a clear sign of diabetes risk.
* **Blood Pressure**: High blood pressure is a common risk factor for diabetes.
* **Skin Thickness**: Skin thickness is considered in our model as it can relate to insulin resistance.
* **Insulin Levels**: Insulin sensitivity is a key indicator of diabetes risk.
* **BMI (Body Mass Index):** Maintaining a healthy BMI is essential in reducing diabetes risk.
* **Diabetes Pedigree Function**: Family history can be a strong indicator of diabetes risk.
* **Age**: Age is a significant factor as the risk of diabetes tends to increase with age.

**Who Can Use DiabetesPredict?**

DiabetesPredict is designed for both individuals and healthcare professionals:

**Patients**: Are you curious about your diabetes risk? Input your relevant details into our user-friendly interface, and we'll provide you with a personalized assessment of your risk.

**Healthcare Professionals**: Use DiabetesPredict as a valuable tool to assess your patients' diabetes risk quickly and accurately. Our system generates detailed reports that can aid in treatment planning and prevention strategies.

**Your Health, Your Future**

At DiabetesPredict, we are committed to empowering individuals and healthcare professionals with the information they need to make informed decisions about diabetes prevention and management. Take control of your health and start predicting your diabetes risk today!

*Disclaimer: DiabetesPredict is an informational tool and does not provide a definitive diagnosis. Always consult with a healthcare professional for personalized medical advice.*

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**About Us - DiabetesPredict: Empowering Health Through Data**

At DiabetesPredict, we believe that knowledge is the key to healthier lives. We are dedicated to using the power of data and technology to help individuals and healthcare professionals better understand and manage the risk of diabetes.

**Our Mission**

Our mission is simple yet impactful: to provide accurate, accessible, and user-friendly tools that enable people to assess their risk of diabetes. By putting the latest advancements in data science and healthcare technology to work, we aim to make diabetes risk assessment easy, informative, and actionable.

**Why Diabetes?**

Diabetes is a global health challenge affecting millions of lives. It's a condition that can be managed more effectively with early detection and lifestyle adjustments. By focusing on diabetes, we hope to contribute to the prevention and better management of this prevalent disease.

**Why Women's Health?**

We recognize that women's health is a unique and vital aspect of diabetes risk assessment. Research has shown that gender-specific factors can influence the development and progression of diabetes. By taking these factors into account, we provide more personalized and accurate risk assessments for women.

**Meet Our Team**

Our team comprises three enthusiastic undergraduate students pursuing degrees in Data Science at SLIIT, collaborating on an FDM (3rd Year Project) initiative. Although we are still on our academic journey, we share a collective aspiration: to create a meaningful impact on the lives of individuals susceptible to diabetes.

**Get in Touch**

Thank you for choosing DiabetesPredict as your trusted partner in diabetes risk assessment. Together, we can work towards a healthier future for all.

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