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## **Diabetes Risk Prediction**

This app predicts the risk of diabetes based on the Pima Indians dataset.

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	ВМІ	DiabetesPedigreeFunction	Ag
0	6	148	72	35	0	33.6	0.627	
1	1	85	66	29	0	26.6	0.351	
2	8	183	64	0	0	23.3	0.672	
3	1	89	66	23	94	28.1	0.167	
4	0	137	40	35	168	43.1	2.288	

Data Preprocessing Complete.

Model Evaluation:

Accuracy: 75.32%

Confusion Matrix: [[79 20] [18 37]]

Classification Report: precision recall f1-score support

```
0 0.81 0.80 0.81 99
1 0.65 0.67 0.66 55
accuracy 0.75 154
```

macro avg 0.73 0.74 0.73 154 weighted avg 0.76 0.75 0.75 154

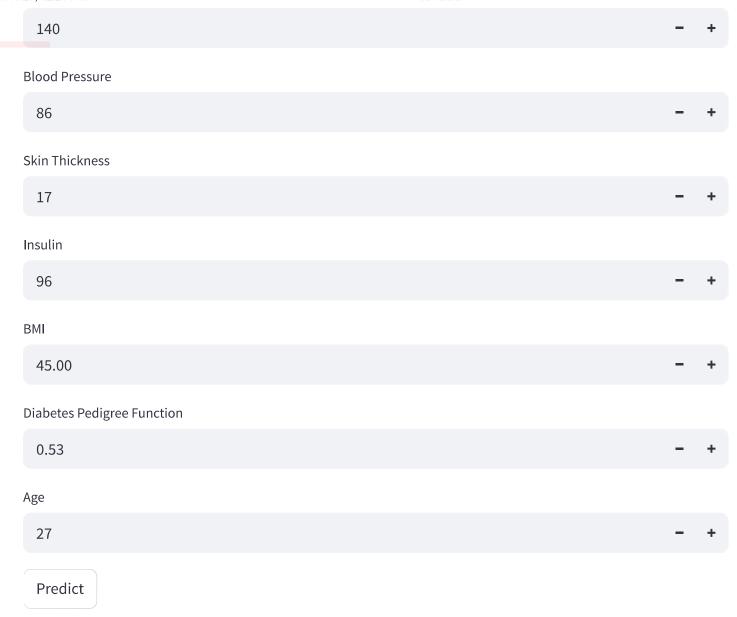
## **Predict Diabetes Risk**

Pregnancies

**-** +

Glucose

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⚠ The model predicts a **high risk of diabetes**.