Diabetes Prediction Results

User Input
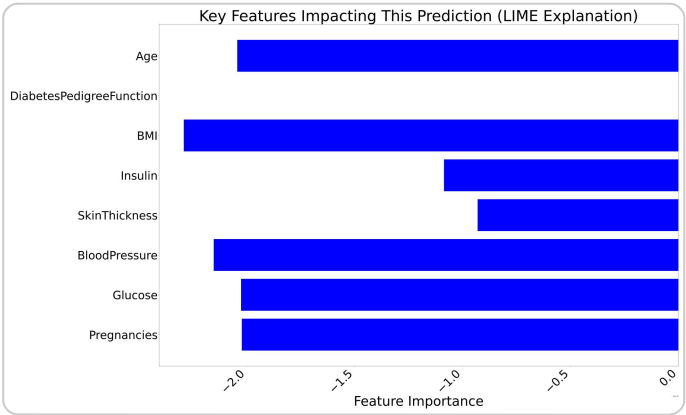
Pregnancies	6
Glucose	148
BloodPressure	72
SkinThickness	35
Insulin	0
BMI	33.6
DiabetesPedigreeFunction	0.627
Age	50

Model Results

GRADIENT BOOSTING

Prediction: Diabetic

Confidence: 71.66%

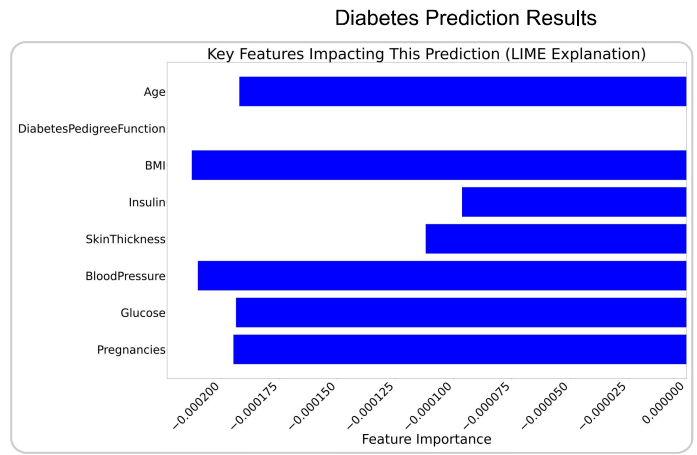Key Features Impacting This Prediction (LIME Explanation)

Explanation: The model 'Gradient Boosting' predicted that the patient is 'Diabetic'. This conclusion was influenced by factors such as BMI, BloodPressure, Age. The graph above highlights the most important features that contributed to this prediction.

LOGISTIC REGRESSION

Prediction: Diabetic

Confidence: 83.18%

Key Features Impacting This Prediction (LIME Explanation)

Explanation: The model 'Logistic Regression' predicted that the patient is 'Diabetic'. This conclusion was influenced by factors such as BMI, BloodPressure, Pregnancies. The graph above highlights the most important features that contributed to this prediction.