Make a Prediction

Enter the following details:

Glucose

| 100 | − | + |

Blood Pressure

| 72 | − | + |

Insulin

| 30 | − | + |

BMI

| 30.00 | − | + |

Diabetes Pedigree Function

| 0.37 | − | + |

Age

| 25 | − | + |

Prediction Results

Logistic Regression: Not Diabetic

Random Forest: Not Diabetic

Decision Tree: Not Diabetic

K Nearest Neighbors: Not Diabetic

Diabetes Prediction

Model Evaluation Metrics

	Accuracy	Precision	Recall	F1 Score	ROC AUC
Logistic Regression	0.7597	0.6731	0.6364	0.6542	0.7323
Random Forest	0.7597	0.6452	0.7273	0.6838	0.7525
Decision Tree	0.7078	0.5758	0.6909	0.6281	0.704
K Nearest Neighbors	0.7532	0.6545	0.6545	0.6545	0.7313
Support Vector Classifier	0.7468	0.66	0.6	0.6286	0.7141