

Enter the following details:

Glucose

170

- +

Blood Pressure

80

- +

Insulin

50

- +

BMI

35.00

- +

Diabetes Pedigree Function

2.00

- +

Age

25

- +

Prediction Results

Logistic Regression: Diabetic

Random Forest: Diabetic

Decision Tree: Diabetic

K Nearest Neighbors: Diabetic

Support Vector Classifier: 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	0.7403	0.6271	0.6727	0.6491	0.7253
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