



Diabetes Predictor

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Decision threshold

0.50

0.00

1.00

Built for clinicians — quick inputs, clear outputs.

Clinical Prediction — Diabetes Risk

Enter patient data below.

Age (years)	Family history of diabetes	Diastolic BP (mmHg)
40 - +	0 ✓	70 - +
Alcohol consumption per week	Hypertension history	Total cholesterol (mg/dL)
0 - +	0 ✓	100 - +
Physical activity (min/week)	Cardiovascular history	Fasting glucose (mg/dL)
100 - +	0 ✓	90 - +
Sleep hours per day	BMI	Postprandial glucose (mg/dL)
6 - +	20 ✓	100 - +
Screen time (hours/day)	Systolic BP (mmHg)	Insulin level (μ U/mL)
8 - +	100 - +	200 - +
Smoking status		
0 ✓		

Predict risk

Predicted risk (%)

48.7%

Interpretation: Diabetes unlikely

	0
age	48.0000
alcohol_consumption_per_week	0.0000
physical_activity_minutes_per_week	143.0000
sleep_hours_per_day	6.5000
screen_time_hours_per_day	8.7000
family_history_diabetes	0.0000
hypertension_history	0.0000
cardiovascular_history	0.0000
bmi	23.1000
systolic_bp	129.0000
diastolic_bp	76.0000
cholesterol_total	116.0000
glucose_fasting	93.0000
glucose_postprandial	150.0000
insulin_level	2.0000
Smoking_Status_Encoded	0.0000

This tool aids but does not replace clinical judgment.