

Diabetes Risk Prediction Report

Generated on: 2025-04-10 12:38:55

Section 1: User Inputs

Feature	Value
Do you have high blood pressure?	No
Do you have high cholesterol?	No
Have you had a cholesterol check in the last 5 years?	No
What is your Body Mass Index (BMI)?	25.0
How would you rate your general health? (1 = Excellent, 5 = Poor)	3
How many days in the past 30 days was your mental health not good?	0
How many days in the past 30 days was your physical health not good?	0
Were you unable to see a doctor due to cost in the past 12 months?	No
Have you smoked at least 100 cigarettes in your life?	No
Have you done physical activity in the past 30 days?	No
Do you consume fruit 1 or more times per day?	No
Do you consume vegetables 1 or more times per day?	No
Do you engage in heavy alcohol consumption?	No
What is your sex?	Female
What is your age category?	18-24
What is your education level?	Never attended school
What is your income category?	< \$10,000

Section 2: Prediction Results

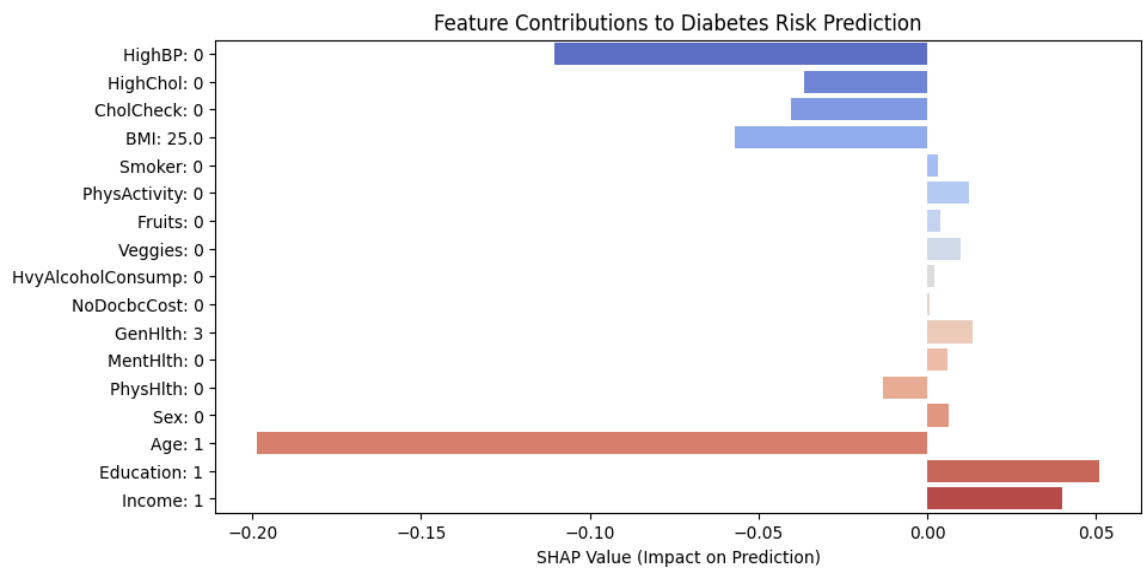
Probability of diabetes: 9.18%

Risk Level: Low risk (<30%)

Section 3: Key Factors Influencing the Prediction

Feature	Value	Impact	SHAP Value
What is your age category?	18-24	decreases	-0.198
Do you have high blood pressure?	No	decreases	-0.111
What is your Body Mass Index (BMI)?	25.0	decreases	-0.057
What is your education level?	Never attended school	increases	0.051
Have you had a cholesterol check in the last 5 years?	No	decreases	-0.040

Section 4: Feature Impact Visualization



Section 5: Health Tips

No specific health tips based on your inputs. Maintain a healthy lifestyle to reduce your risk.

Disclaimer: This prediction is for informational purposes only.

Please consult a healthcare professional for a medical diagnosis.