Diabetes Risk Prediction Report

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Section 1: User Inputs

| Feature	Value
High Blood Pressure	No
High Cholesterol	No
Cholesterol Check in Last 5 Years	No
Body Mass Index (BMI)	25.0
General Health Rating	3
Days of Poor Mental Health	0
Days of Poor Physical Health	0
Unable to See Doctor Due to Cost	No
Smoking History (100+ Cigarettes)	No
Physical Activity in Past 30 Days	No
Daily Fruit Consumption	No
Daily Vegetable Consumption	No
Heavy Alcohol Consumption	No
Sex	Female
Age Category	18-24
Education Level	Never attended school
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
Age Category	18-24	decreases	-0.198
High Blood Pressure	No	decreases	-0.111
Body Mass Index (BMI)	25.0	decreases	-0.057
Education Level	Never attended school	increases	0.051
Cholesterol Check in Last 5 Years	No	decreases	-0.040

Section 4: Feature Impact Visualization

Feature Contributions to Diabetes Risk Prediction
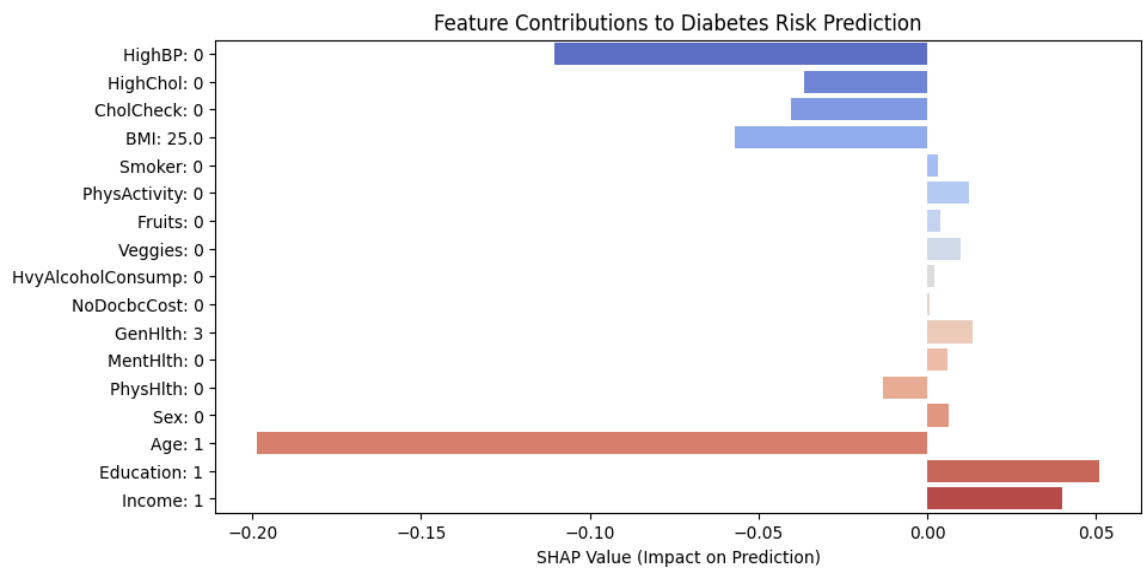
Section 5: Health Tips

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.