

# Diabetes Risk Prediction Report

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## Section 1: User Inputs

Feature	Value
HighBP	No
HighChol	No
CholCheck	No
BMI	25.0
GenHlth	3
MentHlth	0
PhysHlth	0
NoDocbcCost	No
Smoker	No
PhysActivity	No
Fruits	No
Veggies	No
HvyAlcoholConsump	No
Sex	Female
Age	18-24
Education	Never attended school
Income	< \$10,000

## Section 2: Prediction Results

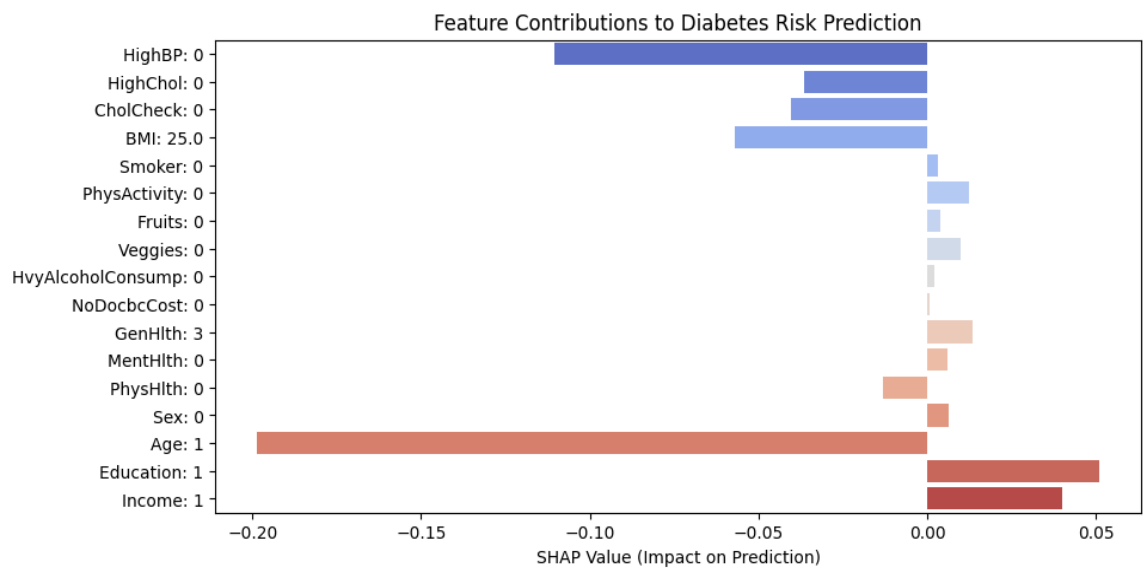
Probability of diabetes: 9.18%

Risk Level: Low risk (<30%)

## Section 3: Key Factors Influencing the Prediction

Feature	Value	Impact	SHAP Value
Age	18-24	decreases	-0.198
HighBP	No	decreases	-0.111
BMI	25.0	decreases	-0.057
Education	Never attended school	increases	0.051
CholCheck	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.*