

# Diabetes Risk Prediction Report

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## Prediction Results

Probability of diabetes: 17.86%

Risk Level: Low risk (<30%)

## Key Factors Influencing the Prediction

- Age: 1 (decreases risk, SHAP value: -0.170)
- BMI: 80.0 (increases risk, SHAP value: 0.097)
- HighBP: 1 (increases risk, SHAP value: 0.064)
- HvyAlcoholConsump: 1 (decreases risk, SHAP value: -0.056)
- CholCheck: 0 (decreases risk, SHAP value: -0.043)

## Health Tips

- Your BMI is high. Consulting a dietitian or starting a weight management program may help reduce risk.
- High blood pressure increases your risk. Monitor your blood pressure regularly and discuss management with your healthcare provider.

*Note: This prediction is for informational purposes only.*

*Please consult a healthcare professional for a medical diagnosis.*