

# Diabetes Risk Prediction Report

Generated on: 2025-04-10 11:14:26

## Prediction Results

Probability of diabetes: 50.96%

Risk Level: High risk (>50%)

## Key Factors Influencing the Prediction

- Age: 4 (decreases risk, SHAP value: -0.146)
- BMI: 25.0 (decreases risk, SHAP value: -0.096)
- Income: 1 (increases risk, SHAP value: 0.079)
- HighBP: 1 (increases risk, SHAP value: 0.077)
- GenHlth: 3 (increases risk, SHAP value: 0.074)

## Health Tips

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

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