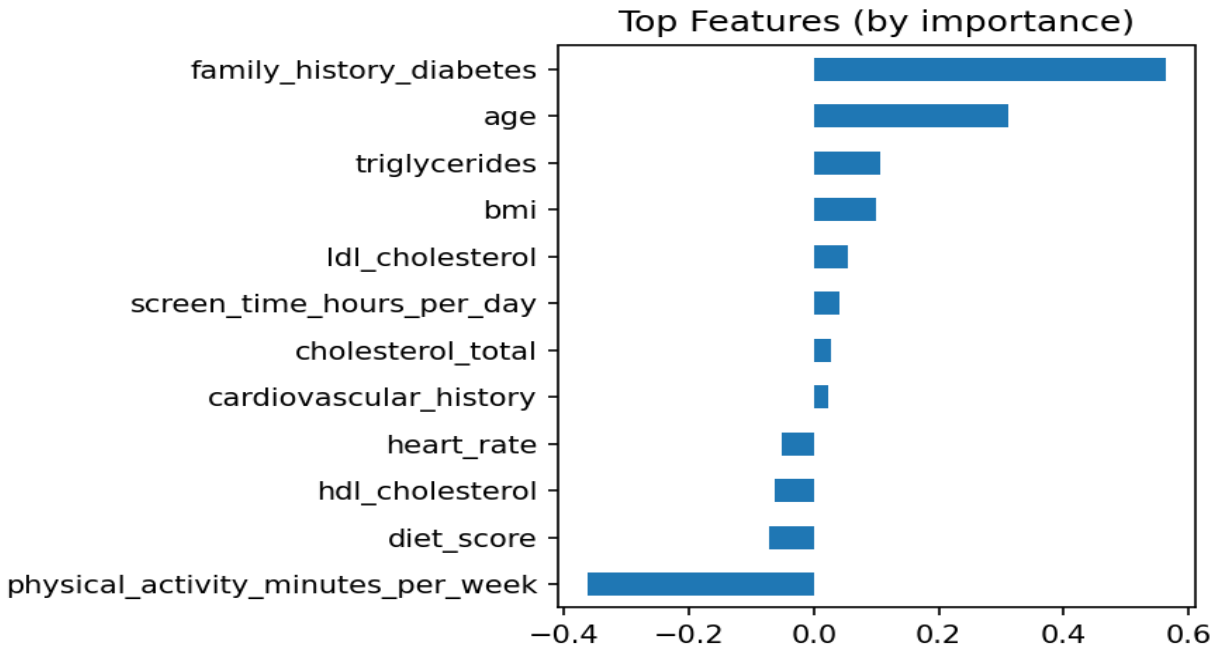
Diabetes Risk Report

Model: LogisticRegression(StandardScaler)

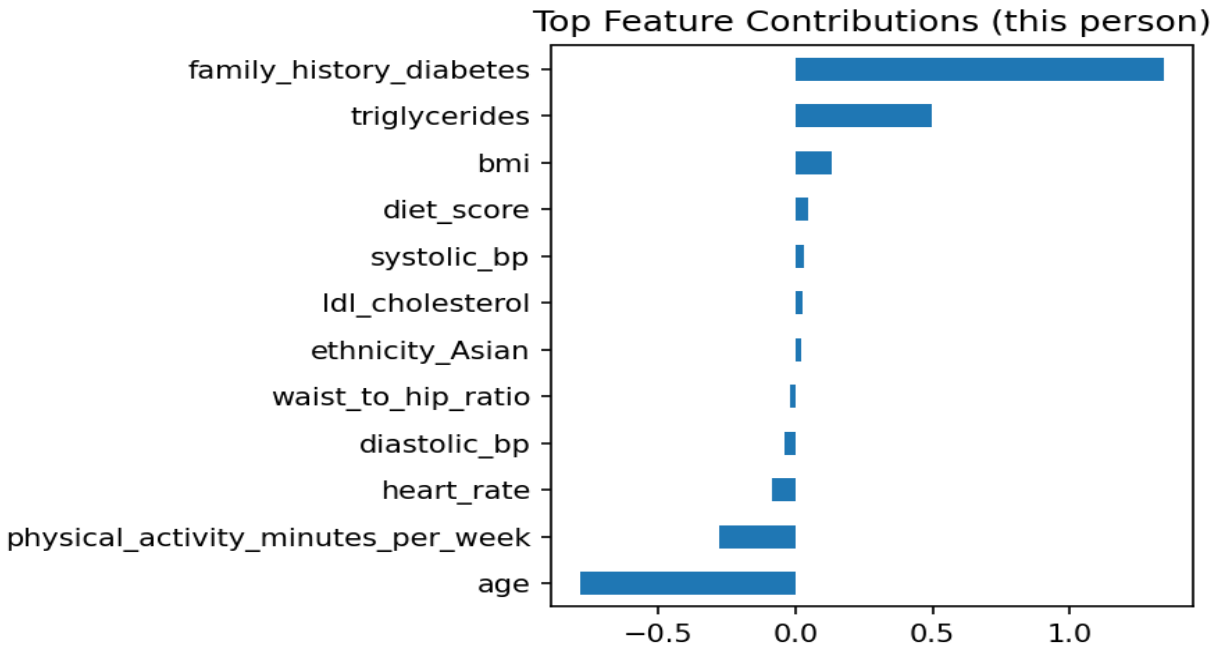
This report summarizes the model prediction and the top features that influenced the result for the supplied input. The feature contributions show how individual inputs shifted the model score for this person. These are explanatory cues, not clinical diagnoses.

Predicted probability of diabetes: 81.53% **Risk:** High

Feature importance (top features):



Feature contributions for this person:



Input values used for prediction:

Feature	Value
age	21.0
alcohol_consumption_per_week	0.0
physical_activity_minutes_per_week	120.0
diet_score	5.0
sleep_hours_per_day	7.0
screen_time_hours_per_day	6.4
bmi	29.6
waist_to_hip_ratio	1.2
systolic_bp	133.0
diastolic_bp	91.0
heart_rate	82.0
cholesterol_total	189.0
hdl_cholesterol	56.0
ldl_cholesterol	112.0
triglycerides	239.0
education_level	2.0
income_level	0.0
family_history_diabetes	1.0
hypertension_history	0.0
cardiovascular_history	0.0
gender_Female	0.0
gender_Male	1.0
gender_Other	0.0
ethnicity_Asian	1.0
ethnicity_Black	0.0
ethnicity_Hispanic	0.0
ethnicity_Other	0.0
ethnicity_White	0.0
smoking_status_Current	0.0
smoking_status_Former	0.0
smoking_status_Never	1.0
employment_status_Employed	0.0
employment_status_Retired	0.0
employment_status_Student	1.0
employment_status_Unemployed	0.0

Notes: Feature contributions are computed from the trained logistic model by scaling inputs and multiplying by coefficients. These are approximate explanations intended to increase transparency.

Generated by Diabetes Risk Predictor