Fatty Liver Disease Risk Report

Patient Information:

Name: Sanjay

Age: 43

Gender: Male
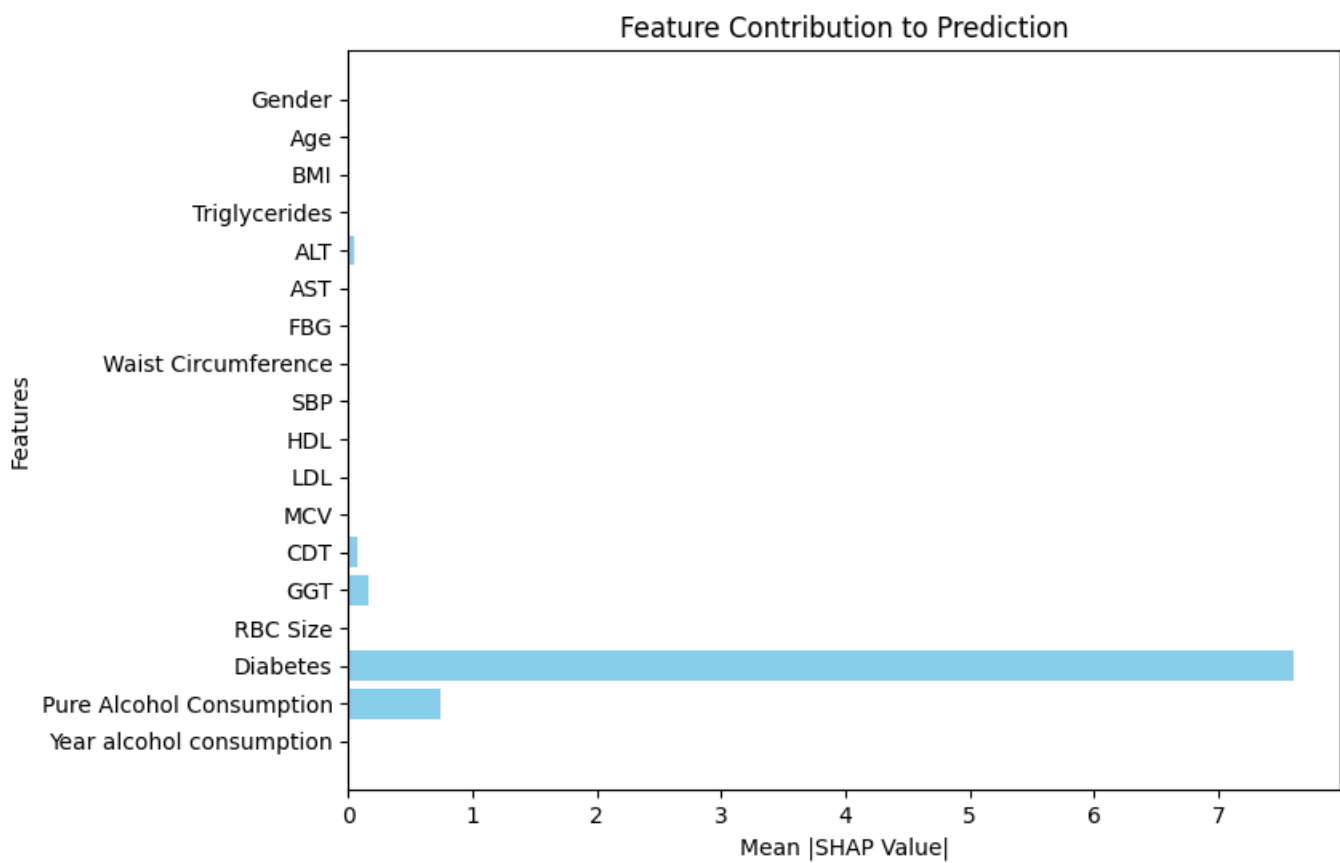
Predicted Category: AFLD

Confidence Score: 100.00%

Patient Parameter Analysis:

Parameter	Normal Range	Patient Value	
BMI	18.5-24.9 kg/m²	25.8	✗
Triglycerides	40-160 mg/dL	281.8	✗
ALT	10-50 U/L	106.0	✗
AST	10-40 U/L	67.5	✗
FBG	70-99 mg/dL	120.1	✗
Waist Circumference	<102 cm	116.3	✗
SBP	90-120 mmHg	136.4	✗
HDL-C	>40 mg/dL	25.8	✔
LDL-C	<130 mg/dL	115.1	✔
MCV	80-100 fL	104.5	✗
CDT	<2.5%	2.99	✗
GGT	8-61 U/L	258.9	✗
RBC Size	6-8 µm	8.72	✗
Diabetes Type 2	0 = No, 1 = Yes	0	✔
Pure Alcohol Consumption	0-20 g/week	508.3	✗
Year Alcohol Consumption	0-3 years	29	✗

Importance of Parameters in Prediction:

Feature Contribution to Prediction

Risk Classification:

Risk Level: Moderate AFLD

Health Recommendations:

Controlled Alcohol Reduction – Gradually reduce alcohol under medical supervision.

Nutritional Counseling – Increase B vitamins, zinc, and antioxidants.

Early Screening for Fibrosis – Consider FibroScan or elastography to check for liver scarring.