Fatty Liver Disease Risk Report

Patient Information:

Name: Jenny

Age: 56

Gender: Female

Predicted Category: NAFLD

Confidence Score: 100.00%

Patient Parameter Analysis:

Parameter	Normal Range	Patient Value	
BMI	18.5-24.9 kg/m²	30.66	✗
Triglycerides	35-135 mg/dL	218	✗
ALT	7-35 U/L	98.4	✗
AST	7-35 U/L	58.8	✗
FBG	70-99 mg/dL	105	✗
Waist Circumference	<88 cm	118.1	✗
SBP	90-120 mmHg	137.6	✗
HDL-C	>50 mg/dL	36.3	✔
LDL-C	<130 mg/dL	137.3	✗
MCV	80-100 fL	104.8	✗
CDT	<2.5%	1.94	✔
GGT	8-61 U/L	107.6	✗
RBC Size	6-8 µm	6.74	✔
Diabetes Type 2	0 = No, 1 = Yes	0	✔
Pure Alcohol Consumption	0-15 g/weeks	22.5	✗
Year Alcohol Consumption	0-2 years	4	✗

Importance of Parameters in Prediction:

Feature Contribution to Prediction
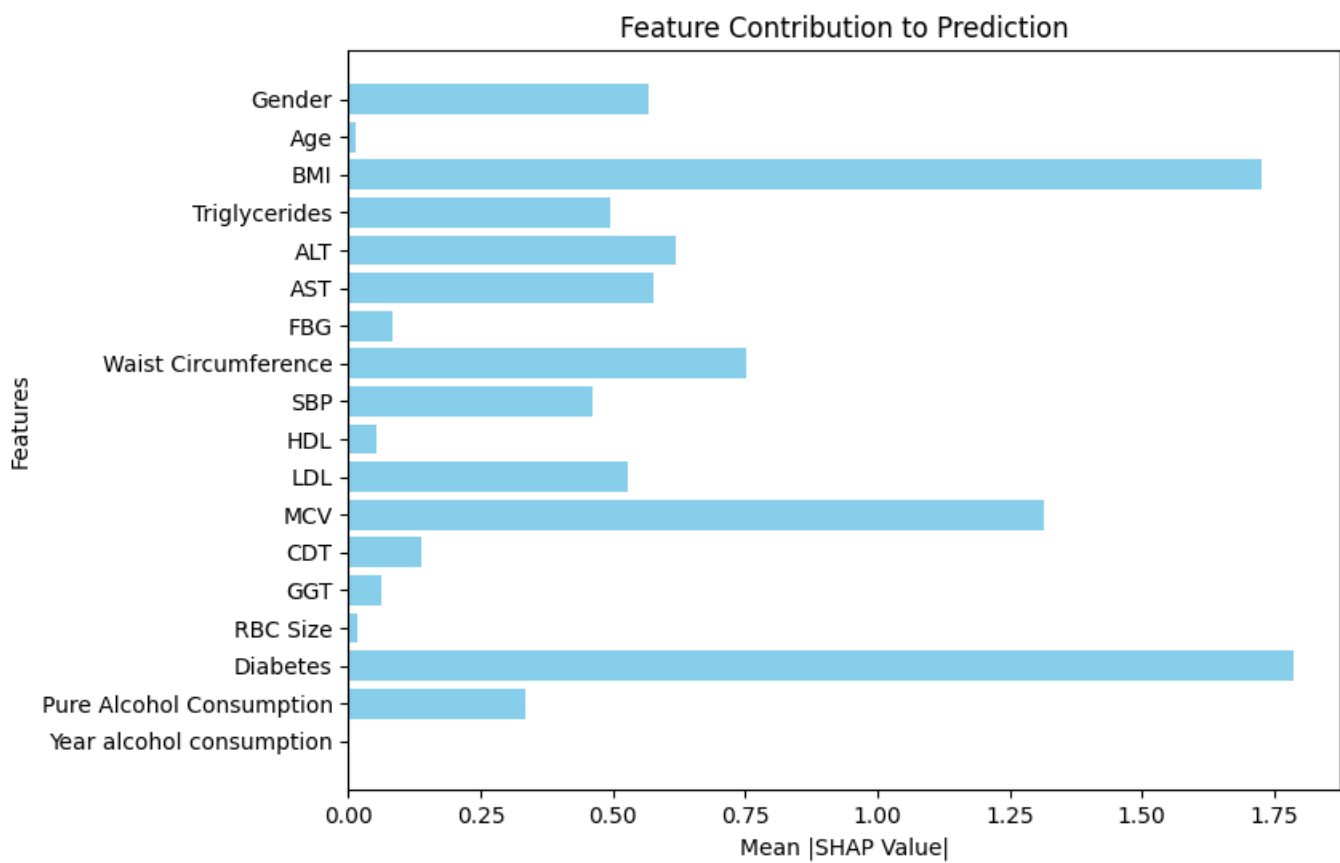
Risk Classification:

Risk Level: Moderate NAFLD

Health Recommendations:

Weight Management Plan – Reduce body weight by 5–10% through diet and exercise.

Liver-Supportive Supplements – Consider vitamin E and omega-3 fatty acids.

Medical Evaluation – Schedule a liver ultrasound and check for insulin resistance.