# Fatty Liver Disease Risk Report

**Patient Information:**

Name: Hema

Age: 68

Gender: Female

Predicted Category: Non-Healthy (Not Fatty Liver)

Confidence Score: 100.00%

**Patient Parameter Analysis:**

| Parameter | Normal Range | Patient Value | |
|---|---|---|---|
| BMI | 18.5-24.9 kg/m² | 27.18 | ✘ |
| Triglycerides | 35-135 mg/dL | 137.8 | ✘ |
| ALT | 7-35 U/L | 48.6 | ✘ |
| AST | 7-35 U/L | 48.5 | ✘ |
| FBG | 70-99 mg/dL | 106.0 | ✘ |
| Waist Circumference | <88 cm | 82.7 | ✔ |
| SBP | 90-120 mmHg | 115.5 | ✔ |
| HDL-C | >50 mg/dL | 50.1 | ✔ |
| LDL-C | <130 mg/dL | 97.8 | ✔ |
| MCV | 80-100 fL | 88.8 | ✔ |
| CDT | <2.5% | 1.52 | ✔ |
| GGT | 8-61 U/L | 92.8 | ✘ |
| RBC Size | 6-8 µm | 6.58 | ✔ |
| Diabetes Type 2 | 0 = No, 1 = Yes | 0 | ✔ |
| Pure Alcohol Consumption | 0-15 g/weeks | 105.4 | ✘ |
| Year Alcohol Consumption | 0-2 years | 2 | ✔ |

**Importance of Parameters in Prediction:**



Feature Contribution to Prediction
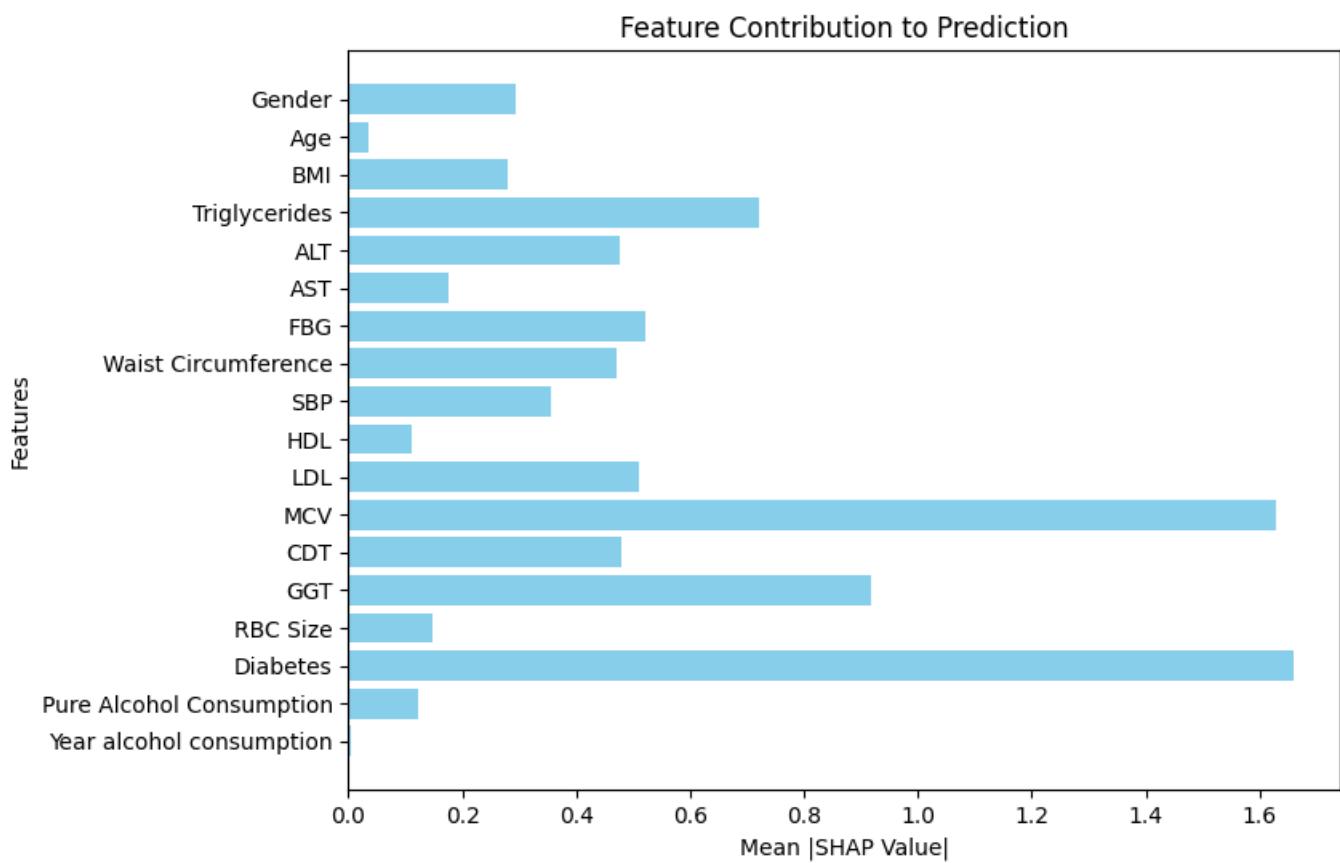
**Risk Classification:**

Risk Level: Liver Dysfunction (Non-Fatty)

**Health Recommendations:**

Eliminate Liver Toxins – Avoid excessive medications, herbal supplements, and alcohol.

Liver-Boosting Foods – Increase cruciferous vegetables, coffee (in moderation), and healthy fats.

Regular Liver Function Tests – Get ALT, AST, and GGT tests every 3–6 months.