

Requirement Analysis

Data Flow Diagram

Date	29-06-2025
Team ID	LTVIP2025TMID39531
-Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis using Advanced Machine Learning Techniques
Maximum Marks	10 Marks

Data Flow Diagram - Liver Cirrhosis Prediction System

1. User Input:

- Inputs patient data (age, test results, symptoms)

2. Pre-processing Module:

- Validates and cleans the data
- Encodes and scales inputs

3. Machine Learning Model:

- Receives cleaned data and
Predicts liver cirrhosis likelihood

4. Output Display:

- Returns result to the user through the web interface

