



${\bf Data Collection and Preprocessing Phase}$

Date	16th may 2025	
TeamID	LTVIP2025TMID60515	
Project Title	Revolutionizing Liver Care: Predicting Liver CirrhosisUsingAdvancedMachineLearning Techniques.	
Maximum Marks	2 Marks	

Data Quality Report Template

Thisreportsummarizes the data quality is suesidentified in the liver cirrhosis dataset, along with their severity levels and proposed resolution plans. The goal is to systematically identify and rectify discrepancies to ensure high-quality data for accurate predictions.

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle Dataset	Missing values in all the columns of the dataset. (42 columns) df.isnull().sum() 0.0s S.HO Age Gender Place(location where the patient lives) Oype of alcohol consumption(years) Oype of alcohol consumption (quarters/day) Hepatitis 8 infection Hepatitis 6 infection Hepatitis 6 infection Oiabetes Result Blood pressure (mmhg) Obesity Family history of cirrhosis/ hereditary Family history of cirrhosis/ hereditary Other (%) Family history of cirrhosis/ hereditary Other (%) For (%)	High	Usemean/median imputation.
Kaggle Dataset	Categorical data in the dataset	Moderate	Perform encoding (e.g., Label EncodingorOne-HotEncoding).