



Data Collection and Preprocessing Phase

| Date | 29th June 2025 | |
|---------------|--|--|
| Team ID | - | |
| Project Title | Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques. | |
| Maximum Marks | 2 Marks | |

Data Quality Report Template

This report summarizes the data quality issues identified 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() | High | Use mean/median imputation. |
| Kaggle Dataset | Categorical data in the dataset | Moderate | Perform encoding (e.g., Label Encoding or One-Hot Encoding). |