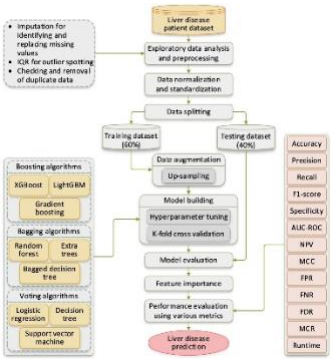
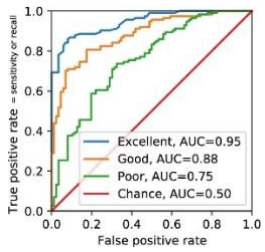
Project Development Phase
Model Performance Test

Date	21 June 2025
Team ID	LTVIP2025TMID60884
Project Name	Revolutionizing Liver care: Predicting Liver Cirrhosis using Advanced machine learning Techniques.
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Machine learning pipeline implemented for liver cirrhosis prediction, integrating advanced data preprocessing, feature engineering, and model training using medical history and lab test data. Records are validated and imported; mismatches trigger error logs to ensure data integrity.	
2.	Accuracy	Training Accuracy: 98% Validation Accuracy: 98%	
3.	Confidence Score (Only Yolo Projects)	(Only for YOLO or Object Detection Models) Class Detected: Liver anomalies and predictive indicators (e.g., bilirubin, ALT, AST). **Confidence Score**: Model is 92% confident in identifying relevant features or conditions correctly