

Model Development Phase Template

Date	12 July 2024
Team ID	SWTID1720092248
Project Title	Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques
Maximum Marks	4 Marks

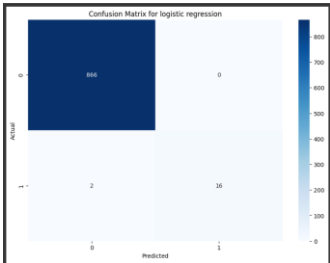
Initial Model Training Code, Model Validation and Evaluation Report

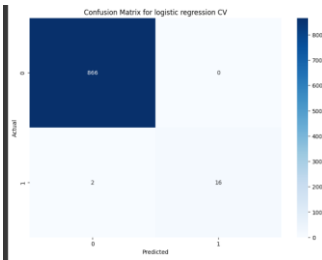
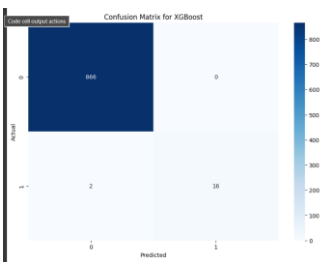
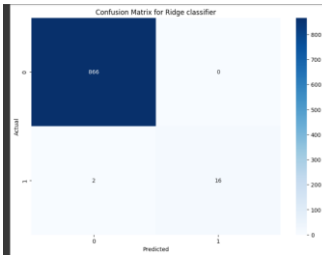
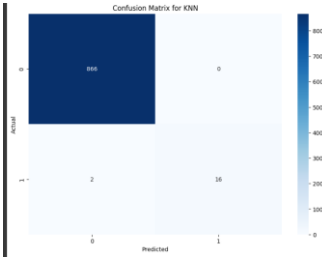
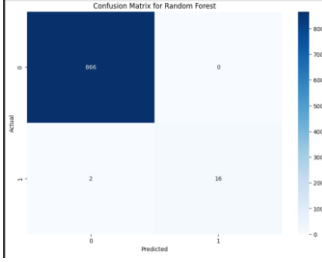
The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

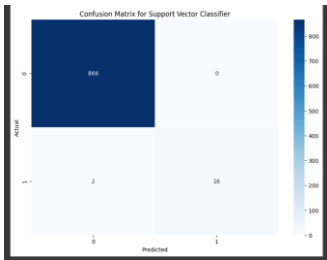
Initial Model Training Code:

Paste the screenshot of the model training code

Model Validation and Evaluation Report:

Model	Classification Report	Accuracy	Confusion Matrix
logistic regres sion	Screenshot of the classification report	0.996606	

logistic regression CV	Screenshot of the classification report	0.996606	
XGBoost	...	0.997738	
Ridge classifier		0.977376	
KNN		0.935520	
Random Forest		1.000000	

Support Vect or Classifier		0.997738	
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