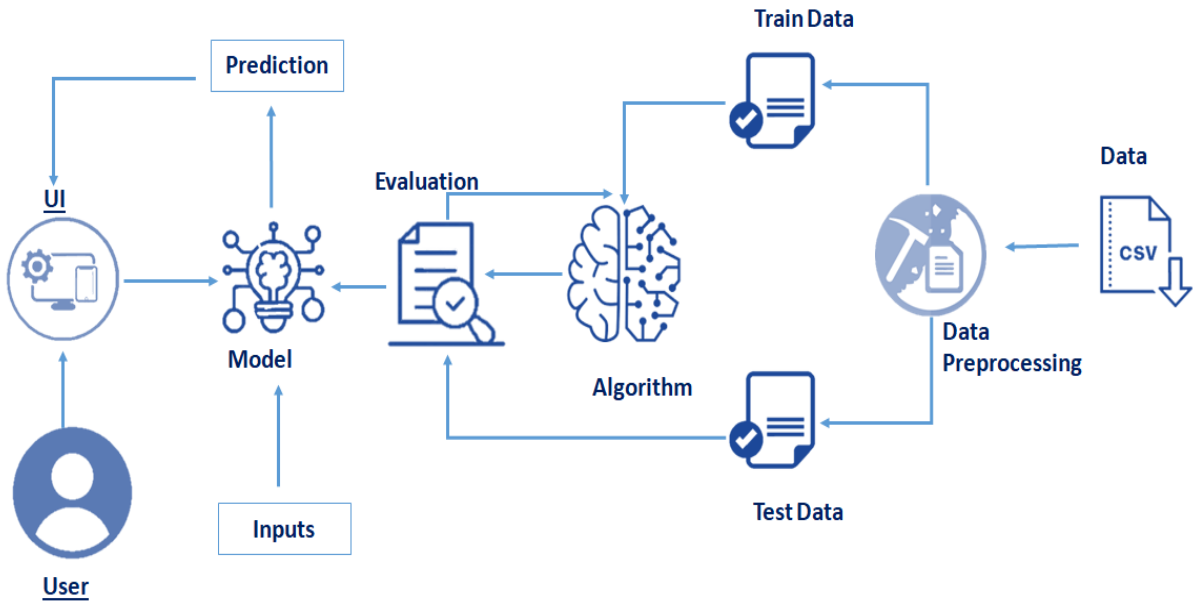
Problem Statement

Discovering the existence of liver disease at an early stage is a complex task for the doctors. Early prediction of liver disease using classification algorithms is an efficacious task that can help the doctors to diagnose the disease within a short duration of time. The main objective of this project is to analyze the parameters of various classification algorithms and compare their predictive accuracies so as to find out the best classifier for determining the liver disease. Here we are building a model by applying various machine learning algorithms find the best accurate model. And integrate to flask based web application. User can predict the disease by entering parameters in the web application.

Model For Statistical Machine Learning Approaches To Liver Disease Prediction



Questions	Description
Who does the problem affect?	People with heavy consumption of alcohol, maintaining improper diet, etc. could use this application to check their liver condition.
Why is it important to use?	Using this application the user predict that he/she has liver disease.
What are the benefits?	User can able to take precaution and prevent the disease from getting serious.
How is it better than others?	This model has better accuracy than other prediction models.
When to use?	If User has any symptom he/she can use this model to confirm that.