Problem Statement

Predict the Chronic Kidney Disease(CKD) based on input parameters like age,bp and other health metrics As it is yes or no, this problem comes into classification.

Dataset

The dataset contains 399 rows and 28 columns. All columns are converted to nominal data

Input - [['age','bp','al','su','bgr','bu','sc','sod','pot','hrmo','pc_normal','pcc_present','ba_present','htn_yes','dm_yes','cad_yes','appet_yes','pe_yes','ane_yes']]

Output - classification_yes'

Classification Model	Evaluation Score
Logistic Regression	0.9997037037037036
Support vector Machine	1.0
RandomForest	0.9997037037037036
Decision Tree	0.9111111111111112
KNN	0.9835555555555556
Naive Bayes	0.5

As Support Vector Machine(SVM) is giving 1.0 score, this model is being used with this parameter