EARLY DETECTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING

LITERATURE SURVEY

S.No	PAPER TITLE	DESCRIPTION
1.	Prediction of chronic kidney disease (CKD) using Data Science	This proposed research work is primarily focused on finding the best classification algorithm which can be used for the diagnosis of CKD based on the classification report.
2.	A two-stage neural network prediction of chronic kidney disease	This paper presents a method to detect chronic kidney disease (CKD) plays a pivotal role in early diagnosis and treatment. Measured glomerular filtration rate (mGFR) is considered the benchmark indicator in measuring the kidney function.
3.	Statistical and Data Mining Aspects on Kidney Stones: A Systematic Review and Meta-analysis	They predicted good accuracy with Classification tree and Random Forest (93%) followed by Support Vector Machines (SVM) (91.98%). Logistic and NN has also shown good accuracy results with zero relative absolute error and 100% correctly classified results.
4.	Chronic Kidney disease Prediction using Machine learning.	This paper reviews and analyses the Chronic kidney disease (CKD) is a global health issue that causes a high rate of morbidity and mortality, as well as the onset of additional diseases. Because there are no clear symptoms in the early stages of CKD, people frequently miss it. Early identification of CKD allows patients to obtain timely treatment to slow the disease's progression

5.	Prediction of Chronic Kidney Diseases Using Deep Artificial Neural Network Technique	This project presents a method to detect the chronic kidney disease and methodologies to diagnose chronic kidney disease is a challenging problem which can reduce the cost of treatment.
6.	Performance Analysis of Machine Learning Classifier for Predicting Chronic Kidney Disease	This proposed system detects chronic kidney disease using machine learning; They have attained an accuracy of 100% in decision tree classifier, 95.12% in random forest and 98.82% in logistic regression.
7.	A Machine Learning Methodology for Diagnosing Chronic Kidney Disease	A machine learning approach for diagnosing CKD was proposed in this study. An ensemble model that combines logistic regression and random forest with the aid of perceptron was utilized and it was able to attain an average accuracy of 99.83% after ten times of simulation.
8.	A Neural Network based Model for Predicting Chronic Kidney Diseases	The 14 different properties are analysed and linked to chronic kidney disorder victims and foretold accuracy for a machine learning algorithm named Artificial Neural Network. After analysing the outcomes, it is recognized that the algorithm gives correctness of 96%