

PROJECT OBJECTIVES

PROJECT: EARLY DETECTION OF CHRONIC KIDNEY DISEASE

- ❖ Chronic Kidney Disease(CKD) is a condition in which the kidneys are damaged and cannot Filter blood as they always do.
- ❖ A family history of kidney diseases or failure, high blood pressure, type 2 diabetes may lead to CKD.
- ❖ This is a lasting damage to the kidney and chances of getting worser is high.
- ❖ The very common complications that results due to a kidney failure are heart diseases, anaemia, bone diseases, high potassium and calcium.
- ❖ The worst case situation leads to complete kidney failure and necessitates kidney transplant to live.
- ❖ An early detection of CKD can improve the quality of life to a greater extent.
- ❖ This calls for good prediction algorithm to predict CKD at an earlier stage .
- ❖ Literature shows a wide range of machine learning algorithms employed for the prediction of CKD.