

Problem Statement

Date	07 October 2022
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning

Problem Statement:

Chronic Kidney Disease (CKD) is a condition in which the kidneys are damaged and cannot filter blood as well as they should. Because of this, excess fluid and waste from blood remain in the body and may cause other health problems, such as heart disease and stroke. If diagnosed early enough, is curable. Most individuals are unaware that the various medical tests we undergo for various reasons may provide important information about kidney disorders. As a result, characteristics of numerous medical tests are examined to see which characteristics might contain useful information about the disease. According to the information, doing so enables us to assess the problem's severity, and we utilize this data to create a machine learning model that forecasts chronic kidney disease. The primary goal is to accurately identify whether a patient has chronic kidney disease using diagnostic data including Blood Pressure (Bp), Albumin, and other parameters (Al).