

PROBLEM STATEMENT

Chronic Kidney Disease(CKD) arises when there is a gradual loss of kidney function. The main function of the kidney is to filtrate the blood in our body, the gradual loss of kidney function can cause the waste to deposit in our body. CKD is the one of the prevalent diseases in the world that threatens the lifespan of a person if it is not diagnosed in its early stages. CKD does not show any symptoms at all or in some cases few symptoms in the early stage, so it is difficult for people to detect the disease in the early stages. Thus most of it remains undiagnosed until advanced stage leading to delayed treatment. We propose a solution wherein if required data is available, this problem can be easily solved by running a machine learning model which can predict the presence of CKD in the early stages.