

## **Problem Statement**

### **Team Members**

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### **Possible Problem Statements**

1. Take preventive measures for CKD if suffering from BP and Diabetes
2. Get treatment before it gets severe
3. Enable facility for remote treatment rather than visiting hospital regularly

### **Problem Description**

Chronic kidney disease includes conditions that damage your kidneys and decrease their ability to keep you healthy by filtering wastes from your blood. If kidney disease worsens, wastes can build to high levels in your blood and make you feel sick. You may develop complications like:

- high blood pressure
- anemia (low blood count)

- weak bones
- poor nutritional health
- nerve damage

Kidney disease also increases your risk of having heart and blood vessel disease. These problems may happen slowly over a long time. Early detection and treatment can often keep chronic kidney disease from getting worse. When kidney disease progresses, it may eventually lead to kidney failure, which requires dialysis or a kidney transplant to maintain life.

### **Preventive Measures**

**There are several ways to reduce the risk of developing kidney disease**

- Eat a healthy diet. ...
- Check and control your blood sugar. ...
- Check and control your blood pressure. ...
- Take appropriate fluid intake. ...
- Don't smoke. ...
- Don't take over-the-counter anti-inflammatory/pain-killer pills regularly.

Moreover CKD can also be prevented by appropriate predictions using Machine Learning techniques.