**Project : Chronic Kidney Disease Analysis**

**Team Details:**

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**Project Overview:**

The project talks about “The Chronic Kidney Disease Analysis” which means The kidneys filter waste and excess fluid from the blood. As kidneys fail, waste builds up.Symptoms develop slowly and aren't specific to the disease. Some people have no symptoms at all and are diagnosed by a lab test.Medication helps manage symptoms. In later stages, filtering the blood with a machine (dialysis) or a transplant may be required. which is pridicted by using Machine Learning.

**Requirements :**

* Dataset Collection
* Data preprocessing
* Set the target
* Divide training and testing algorithm

**Summary :**

You have two kidneys, each about the size of your fist. Their main job is to filter your blood. They remove wastes and extra water, which become urine. They also keep the body's chemicals balanced, help control blood pressure, and make hormones. Chronic kidney disease (CKD) means that your kidneys are damaged and can't filter blood as they should. This damage can cause wastes to build up in your body. It can also cause other problems that can harm your health. Diabetes and high blood pressure are the most common causes of CKD.

The kidney damage occurs slowly over many years. Many people don't have any symptoms until their kidney disease is very advanced. Blood and urine tests are the only way to know if you have kidney disease.

Treatments cannot cure kidney disease, but they may slow kidney disease. They include medicines to lower blood pressure, control blood sugar, and lower cholesterol. CKD may still get worse over time. Sometimes it can lead to kidney failure. If your kidneys fail, you will need dialysis or a kidney transplantation.

**Dataset :**

The dataset consist of 401 rows with 26 columns and has there are some missing values .we have input varaibles and output variables which represents the patients who are admitted due to chronic kidney disease and present there body condition

**Dataset** [**:** kidney\_disease.csv](../Downloads/kidney_disease.csv)