

Ideation Phase

Problem Statement

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| Date | 30 October 2022 |
| Team ID | PNT2022TMID46559 |
| Project Name | Early Detection of Chronic Kidney Disease using Machine Learning |
| Maximum Marks | 2 Marks |

Problem Statement:

Chronic Kidney Disease (CKD) is a serious medical condition that, 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.

If chronic kidney disease is addressed early on, it may be cured. This project's primary goal is to more accurately and quickly identify whether a patient has chronic kidney disease using diagnostic data including Blood Pressure (Bp), Albumin, and other parameters (Al).