Project Flow
Early Detection of Chronic Kidney Disease
Using Machine learning
Team ID: PNT2022TMID27011

1. Installing Required Libraries.

2.Data Collection.

• Collect the dataset

3.Clean the Dataset

• Importing the Libraries.

• Importing the dataset.

• Understanding Data Type and Summary of features

• Handling the Missing values

• Replacing The Missing values

• Label Encoding
• Splitting the Dataset into Dependent and Independent variables

• Splitting Data into Train and Test set

• Model building

• Test the Model

• Model evaluation

- Save the model

4.application Building

- Building Html Pages

- Build Python Code

- Run the Application

5.Train The Model on IBM

- Registering For IBM

- Training The MLModel On IBM

- Integrate Flask With Scoring End Point

PROJECT FLOW:

```
                    Preprocessed
                 Chronic Kidney Disease
                       Dataset

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                          ▼
         Ten-fold cross   ──────────▶    Testing Data
           validation

                  │                              │
                  ▼                              │
          Training Data                          │
                  ▲                              │
                  │                              │
                  ▼                              │
        Rule based learners                      │
                  │                              │
                  ▼                              │
             Evaluate        ◀──────────────────┘
            Classifiers

                  │
                  ▼
                 ◇
                10
               times

                  │
                  ▼
          Average the results

                  │
                  ▼
                 End
```