Team ID	PNT2022TMID52708
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning

Handling the Missing Values

```
In [18]: data.isnull().any()

Out[18]: age                         True
         blood_pressure              True
         specific_gravity            True
         albumin                     True
         sugar                       True
         red_blood_cells             True
         pus_cell                    True
         pus_cell_clumps             True
         bacteria                    True
         blood_glucose_random        True
         blood_urea                  True
         serum_creatinine            True
         sodium                      True
         potassium                   True
         hemoglobin                  True
         packed_cell_volume          True
         white_blood_cell_count      True
         red_blood_cell_count        True
         hypertension                True
         diabetes_mellitus           True
         coronary_artery_disease     True
         appetite                    True
         pedal_edema                 True
         anemia                      True
         class                       False
         dtype: bool
```

```
In [19]: data.packed_cell_volume = pd.to_numeric(data.packed_cell_volume,errors='coerce')
         data.white_blood_cell_count = pd.to_numeric(data.white_blood_cell_count,errors='coerce')
         data.red_blood_cell_count = pd.to_numeric(data.red_blood_cell_count,errors='coerce')
```

```
In [20]: data.isnull().sum()

Out[20]: age                          9
         blood_pressure              12
         specific_gravity            47
         albumin                     46
         sugar                       49
         red_blood_cells            152
         pus_cell                    65
         pus_cell_clumps              4
         bacteria                     4
         blood_glucose_random        44
         blood_urea                  19
         serum_creatinine            17
         sodium                      87
         potassium                   88
         hemoglobin                  52
         packed_cell_volume          71
         white_blood_cell_count     106
         red_blood_cell_count       131
         hypertension                 2
         diabetes_mellitus            2
         coronary_artery_disease      2
         appetite                     1
         pedal_edema                  1
         anemia                       1
         class                        0
         dtype: int64
```