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

Undersatanding Data type and summary of Features

```
In [10]:
    catcols.remove('red_blood_cell_count')
    catcols.remove('white_blood_cell_count')
    catcols.remove('paked_cell_volume')
    print(catcols)
    {'anemia', 'pus_cell', 'red_blood_cells', 'appetite', 'diabetes_mellitus', 'coronary_artery_disease', 'pedal_edema', 'class',
    'bacteria', 'pus_cell_clumps', 'hypertension'}

In [11]: contcols=set(data.dtypes[data.dtypes!='0'].index.values)
    print(contcols)

{'blood_glucose_random', 'blood_pressure', 'sugar', 'age', 'specific_gravity', 'blood_urea', 'potassium', 'hemoglobin', 'albumin', 'sodium', 'serum_creatinine'}

In [12]: for i in contcols:
    print("Column : ",i)
    print("n')

2, 110.0: 2, 96.0: 2, 85.0: 2, 83.0: 2, 75.0: 2, nan: 1, 423.0: 1, 410.0: 1, 380.0: 1, 157.0: 1, 263.0: 1, 173.0: 1, nan: 1,
    nan: 1, nan: 1, 156.0: 1, 264.0: 1, nan: 1, 159.0: 1, 270.0: 1, nan: 1, nan: 1, 162.0: 1, nan: 1, 246.0: 1, nan: 1,
    nan: 1, nan: 1, 182.0: 1, 146.0: 1, nan: 1, 1, 425.0: 1, 120.0: 1, nan: 1, nan: 1, 145.0: 1, 251.0: 1, 286.0: 1,
    nan: 1, 90.0: 1, 308.0: 1, 226.0: 1, 143.0: 1, 115.0: 1, 297.0: 1, 233.0: 1, 294.0: 1, nan: 1, nan: 1, nan: 1, nan: 1, 1, 120.0: 1, nan: 1, 240.0: 1, nan: 1, 260.0: 1, nan: 1, 260.0: 1, nan: 1, 260.0: 1, 1, nan: 1, 260.0: 1, nan: 1, 260.0: 1, 1, nan: 1, 260.0: 1, nan: 1, 260.0:
```

```
1, nan: 1, nan
```