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

Label Encoding

In [24]:
```
for i in catcols:
    print("Label encoding of ",i)
    labelEnc_i = LabelEncoder()
    print(c(data[i]))
    data[i] = labelEnc_i.fit_transform(data[i])
    print(c(data[i]))
    print('\n')
```

```
Label encoding of  anemia
Counter({'no': 340, 'yes': 60})
Counter({0: 340, 1: 60})


Label encoding of  pus_cell
Counter({'normal': 324, 'abnormal': 76})
Counter({1: 324, 0: 76})


Label encoding of  red_blood_cells
Counter({'normal': 353, 'abnormal': 47})
Counter({1: 353, 0: 47})


Label encoding of  albumin
Counter({0.0: 245, 1.0: 44, 2.0: 43, 3.0: 43, 4.0: 24, 5.0: 1})
Counter({0: 245, 1: 44, 2: 43, 3: 43, 4: 24, 5: 1})


Label encoding of  appetite
Counter({'good': 318, 'poor': 82})
Counter({0: 318, 1: 82})



Label encoding of  coronary_artery_disease
Counter({'no': 366, 'yes': 34})
Counter({0: 366, 1: 34})


Label encoding of  pedal_edema
Counter({'no': 324, 'yes': 76})
Counter({0: 324, 1: 76})


Label encoding of  class
Counter({'ckd': 250, 'notckd': 150})
Counter({0: 250, 1: 150})


Label encoding of  bacteria
Counter({'notpresent': 378, 'present': 22})
Counter({0: 378, 1: 22})


Label encoding of  pus_cell_clumps
Counter({'notpresent': 358, 'present': 42})
Counter({0: 358, 1: 42})


Label encoding of  specific_gravity
Counter({1.02: 153, 1.01: 84, 1.025: 81, 1.015: 75, 1.005: 7})
Counter({3: 153, 1: 84, 4: 81, 2: 75, 0: 7})


Label encoding of  hypertension
Counter({'no': 253, 'yes': 147})
Counter({0: 253, 1: 147})
```