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| **Chronic\_Kidney\_Disease Data Set** *Download*: [Data Folder](https://archive.ics.uci.edu/ml/machine-learning-databases/00336/), [Data Set Description](https://archive.ics.uci.edu/ml/datasets/Chronic_Kidney_Disease)  **Abstract**: This dataset can be used to predict the chronic kidney disease and it can be collected from the hospital nearly 2 months of period. |  |

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| **Data Set Characteristics:** | Multivariate | **Number of Instances:** | 400 | **Area:** | N/A |
| **Attribute Characteristics:** | Real | **Number of Attributes:** | 25 | **Date Donated** | 2015-07-03 |
| **Associated Tasks:** | Classification | **Missing Values?** | Yes | **Number of Web Hits:** | 201721 |

**Source:**

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**Data Set Information:**

We use the following representation to collect the dataset  
age - age  
bp - blood pressure  
**sg - specific gravity**  
**al - albumin**  
su - sugar  
rbc - red blood cells  
pc - pus cell  
pcc - pus cell clumps  
ba - bacteria  
bgr - blood glucose random  
bu - blood urea  
**sc - serum creatinine**  
sod - sodium  
pot - potassium  
**hemo - hemoglobin**  
**pcv - packed cell volume**  
**wc - white blood cell count**  
**rc - red blood cell count  
htn - hypertension**dm - diabetes mellitus  
cad - coronary artery disease  
appet - appetite  
pe - pedal edema  
ane - anemia  
class - class

**Attribute Information:**

We use 24 + class = 25 ( 11 numeric ,14 nominal)  
1.Age(numerical)  
age in years  
2.Blood Pressure(numerical)  
bp in mm/Hg  
**3.Specific Gravity(nominal)  
sg - (1.005,1.010,1.015,1.020,1.025)  
4.Albumin(nominal)  
al - (0,1,2,3,4,5)**5.Sugar(nominal)  
su - (0,1,2,3,4,5)  
6.Red Blood Cells(nominal)  
rbc - (normal,abnormal)  
7.Pus Cell (nominal)  
pc - (normal,abnormal)  
8.Pus Cell clumps(nominal)  
pcc - (present,notpresent)  
9.Bacteria(nominal)  
ba - (present,notpresent)  
10.Blood Glucose Random(numerical)  
bgr in mgs/dl  
11.Blood Urea(numerical)  
bu in mgs/dl  
**12.Serum Creatinine(numerical)  
sc in mgs/dl**13.Sodium(numerical)  
sod in mEq/L  
14.Potassium(numerical)  
pot in mEq/L  
**15.Hemoglobin(numerical)  
hemo in gms  
16.Packed Cell Volume(numerical)  
17.White Blood Cell Count(numerical)  
wc in cells/cumm  
18.Red Blood Cell Count(numerical)  
rc in millions/cmm  
19.Hypertension(nominal)  
htn - (yes,no)**20.Diabetes Mellitus(nominal)  
dm - (yes,no)  
21.Coronary Artery Disease(nominal)  
cad - (yes,no)  
22.Appetite(nominal)  
appet - (good,poor)  
23.Pedal Edema(nominal)  
pe - (yes,no)  
24.Anemia(nominal)  
ane - (yes,no)  
25.Class (nominal)  
class - (ckd,notckd)

**Relevant Papers:**

N/A