



[About](#) [Citation Policy](#) [Donate a Data Set](#) [Contact](#)

☒ Repository
 ☐ Web
 

[View ALL Data Sets](#)

Chronic_Kidney_Disease Data Set

Download: [Data Folder](#), [Data Set Description](#)

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.

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:	32333

Source:

Source:
 Dr.P.Soundarapandian.M.D.,D.M
 (Senior Consultant Nephrologist),
 Apollo Hospitals,
 Managiri,
 Madurai Main Road,
 Karaikudi,
 Tamilnadu,
 India.

Creator:
 L.Jerlin Rubini(Research Scholar)
 Alagappa University,
 EmailId :jel.jerlin '@' gmail.com
 ContactNo :+91-9597231281

Guided by:
 Dr.P.Eswaran Assistant Professor,
 Department of Computer Science and Engineering,

Alagappa University,
Karaikudi,
Tamilnadu,
India.
Emailid:eswaranperumal '@' gmail.com

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

Citation Request:

Please refer to the Machine Learning Repository's [citation policy](#)

Supported By:



In Collaboration With:



[About](#) || [Citation Policy](#) || [Donation Policy](#) || [Contact](#) || [CML](#)