| **Variable Name** | **Role** | **Type** | **Demographic** | **Description** | **Units** | **Missing Values** |
| --- | --- | --- | --- | --- | --- | --- |
| age | Feature | Integer | Age |  | year | yes |
| bp | Feature | Integer |  | blood pressure | mm/Hg | yes |
| sg | Feature | Categorical |  | specific gravity |  | yes |
| al | Feature | Categorical |  | albumin |  | yes |
| su | Feature | Categorical |  | sugar |  | yes |
| rbc | Feature | Binary |  | red blood cells |  | yes |
| pc | Feature | Binary |  | pus cell |  | yes |
| pcc | Feature | Binary |  | pus cell clumps |  | yes |
| ba | Feature | Binary |  | bacteria |  | yes |
| bgr | Feature | Integer |  | blood glucose random | mgs/dl | yes |
| bu | Feature | Integer |  | blood urea | mgs/dl | yes |
| sc | Feature | Continuous |  | serum creatinine | mgs/dl | yes |
| sod | Feature | Integer |  | sodium | mEq/L | yes |
| pot | Feature | Continuous |  | potassium | mEq/L | yes |
| hemo | Feature | Continuous |  | hemoglobin | gms | yes |
| pcv | Feature | Integer |  | packed cell volume |  | yes |
| wbcc | Feature | Integer |  | white blood cell count | cells/cmm | yes |
| rbcc | Feature | Continuous |  | red blood cell count | millions/cmm | yes |
| htn | Feature | Binary |  | hypertension |  | yes |
| dm | Feature | Binary |  | diabetes mellitus |  | yes |
| cad | Feature | Binary |  | coronary artery disease |  | yes |
| appet | Feature | Binary |  | appetite |  | yes |
| pe | Feature | Binary |  | pedal edema |  | yes |
| ane | Feature | Binary |  | anemia |  | yes |
| class | Target | Binary |  | ckd or not ckd |  | no |