|  |  |
| --- | --- |
| **About Dataset**: The database was created with records of absenteeism at work from July 2007 to July 2010 at a courier company in Brazil. The list has the following characteristics: |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Data Set Characteristics:** | Multivariate, Time-Series | **Number of Instances:** | 740 | **Area:** | Business |
| **Attribute Characteristics:** | Integer, Real | **Number of Attributes:** | 21 | **Date Donated** | 2018-04-05 |
| **Associated Tasks:** | Classification, Clustering | **Missing Values?** | N/A | **Number of Web Hits:** | 198804 |

**Attribute Information:**

1. Individual identification (ID)  
2. Reason for absence (ICD).  
Absences attested by the International Code of Diseases (ICD) stratified into 21 categories (I to XXI) as follows:  
  
I. Certain infectious and parasitic diseases  
II. Neoplasms  
III. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism  
IV Endocrine, nutritional and metabolic diseases  
V Mental and behavioural disorders  
VI Diseases of the nervous system  
VII Diseases of the eye and adnexa  
VIII Diseases of the ear and mastoid process  
IX Diseases of the circulatory system  
X Diseases of the respiratory system  
XI Diseases of the digestive system  
XII Diseases of the skin and subcutaneous tissue  
XIII Diseases of the musculoskeletal system and connective tissue  
XIV Diseases of the genitourinary system  
XV Pregnancy, childbirth and the puerperium  
XVI Certain conditions originating in the perinatal period  
XVII Congenital malformations, deformations and chromosomal abnormalities  
XVIII Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified  
XIX Injury, poisoning and certain other consequences of external causes  
XX External causes of morbidity and mortality  
XXI Factors influencing health status and contact with health services.  
  
And 7 categories without (CID) patient follow-up (22), medical consultation (23), blood donation (24), laboratory examination (25), unjustified absence (26), physiotherapy (27), dental consultation (28).  
3. Month of absence  
4. Day of the week (Monday (2), Tuesday (3), Wednesday (4), Thursday (5), Friday (6))  
5. Seasons (summer (1), autumn (2), winter (3), spring (4))  
6. Transportation expense  
7. Distance from Residence to Work (kilometers)  
8. Service time  
9. Age  
10. Work load Average/day  
11. Hit target  
12. Disciplinary failure (yes=1; no=0)  
13. Education (high school (1), graduate (2), postgraduate (3), master and doctor (4))  
14. Son (number of children)  
15. Social drinker (yes=1; no=0)  
16. Social smoker (yes=1; no=0)  
17. Pet (number of pet)  
18. Weight  
19. Height  
20. Body mass index  
21. Absenteeism time in hours (target)