**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:

1. Certain infectious and parasitic diseases
2. Neoplasms
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism
4. Endocrine, nutritional and metabolic diseases
5. Mental and behavioral disorders
6. Diseases of the nervous system
7. Diseases of the eye and adnexa
8. Diseases of the ear and mastoid process
9. Diseases of the circulatory system
10. Diseases of the respiratory system
11. Diseases of the digestive system
12. Diseases of the skin and subcutaneous tissue
13. Diseases of the musculoskeletal system and connective tissue
14. Diseases of the genitourinary system
15. Pregnancy, childbirth and the puerperium
16. Certain conditions originating in the perinatal period
17. Congenital malformations, deformations and chromosomal abnormalities
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified
19. Injury, poisoning and certain other consequences of external causes
20. External causes of morbidity and mortality
21. 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

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)

.arff header for Weka:

@relation Absenteeism\_at\_work

@attribute ID {31.0, 27.0, 19.0, 30.0, 7.0, 20.0, 24.0, 32.0, 3.0, 33.0, 26.0, 29.0, 18.0, 25.0, 17.0, 14.0, 16.0, 23.0, 2.0, 21.0, 36.0, 15.0, 22.0, 5.0, 12.0, 9.0, 6.0, 34.0, 10.0, 28.0, 13.0, 11.0, 1.0, 4.0, 8.0, 35.0}

@attribute Reason\_for\_absence {17.0, 3.0, 15.0, 4.0, 21.0, 2.0, 9.0, 24.0, 18.0, 1.0, 12.0, 5.0, 16.0, 7.0, 27.0, 25.0, 8.0, 10.0, 26.0, 19.0, 28.0, 6.0, 23.0, 22.0, 13.0, 14.0, 11.0, 0.0}

@attribute Month\_of\_absence REAL

@attribute Day\_of\_the\_week {5.0, 2.0, 3.0, 4.0, 6.0}

@attribute Seasons {4.0, 1.0, 2.0, 3.0}

@attribute Transportation\_expense REAL

@attribute Distance\_from\_Residence\_to\_Work REAL

@attribute Service\_time INTEGER

@attribute Age INTEGER

@attribute Work\_load\_Average/day\_ REAL

@attribute Hit\_target REAL

@attribute Disciplinary\_failure {1.0, 0.0}

@attribute Education REAL

@attribute Son REAL

@attribute Drinker {1.0, 0.0}

@attribute Smoker {1.0, 0.0}

@attribute Pet REAL

@attribute Weight REAL

@attribute Height REAL

@attribute Body\_mass\_index REAL

@attribute Absenteeism\_time\_in\_hours REAL