Source to dataset: <https://archive.ics.uci.edu/ml/datasets/Student+Performance>

Size: 649 instances (observations) and 32 attributes (variables)

Attributes:

1. school - student's school (binary: 'GP' - Gabriel Pereira or 'MS' - Mousinho da Silveira) sex - student's sex (binary: 'F' - female or 'M' - male)
2. age - student's age (numeric: from 15 to 22)
3. address - student's home address type (binary: 'U' - urban or 'R' - rural)
4. famsize - family size (binary: 'LE3' - less or equal to 3 or 'GT3' - greater than 3)
5. Pstatus - parent's cohabitation status (binary: 'T' - living together or 'A' - apart)
6. Medu - mother's education (numeric: 0 - none, 1 - primary education (4th grade), 2 - “ 5th to 9th grade, 3 - “ secondary education or 4 â€“ higher education)
7. Fedu - father's education (numeric: 0 - none, 1 - primary education (4th grade), 2 - “ 5th to 9th grade, 3 - “ secondary education or 4 - “ higher education)
8. Mjob - mother's job (nominal: 'teacher', 'health' care related, civil 'services' (e.g. administrative or police), 'at\_home' or 'other')
9. Fjob - father's job (nominal: 'teacher', 'health' care related, civil 'services' (e.g. administrative or police), 'at\_home' or 'other')
10. reason - reason to choose this school (nominal: close to 'home', school 'reputation', 'course' preference or 'other')
11. guardian - student's guardian (nominal: 'mother', 'father' or 'other')
12. traveltime - home to school travel time (numeric: 1 - <15 min., 2 - 15 to 30 min., 3 - 30 min. to 1 hour, or 4 - >1 hour)
13. studytime - weekly study time (numeric: 1 - <2 hours, 2 - 2 to 5 hours, 3 - 5 to 10 hours, or 4 - >10 hours)
14. failures - number of past class failures (numeric: n if 1<=n<3, else 4)
15. schoolsup - extra educational support (binary: yes or no)
16. famsup - family educational support (binary: yes or no)
17. paid - extra paid classes within the course subject (Math or Portuguese) (binary: yes or no)
18. activities - extra-curricular activities (binary: yes or no)
19. nursery - attended nursery school (binary: yes or no)
20. higher - wants to take higher education (binary: yes or no)
21. internet - Internet access at home (binary: yes or no)
22. romantic - with a romantic relationship (binary: yes or no)
23. famrel - quality of family relationships (numeric: from 1 - very bad to 5 - excellent)
24. freetime - free time after school (numeric: from 1 - very low to 5 - very high)
25. goout - going out with friends (numeric: from 1 - very low to 5 - very high)
26. Dalc - workday alcohol consumption (numeric: from 1 - very low to 5 - very high)
27. Walc - weekend alcohol consumption (numeric: from 1 - very low to 5 - very high)
28. health - current health status (numeric: from 1 - very bad to 5 - very good)
29. absences - number of school absences (numeric: from 0 to 93)
30. G1 - first period grade (numeric: from 0 to 20)
31. G2 - second period grade (numeric: from 0 to 20)
32. G3 - final grade (numeric: from 0 to 20, output target)