**Attribute Description**

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