**데이터 셋 설명**

고등학생이 1학년에 비해서 3학년 언어영역 성적이 증가할 것인지를 예측하는 데이터셋입니다.

**변수설명**

1 school - student's school (binary: 'GP' - Gabriel Pereira or 'MS' - Mousinho da Silveira)

2 sex - student's sex (binary: 'F' - female or 'M' - male)

3 age - student's age (numeric: from 15 to 22)

4 address - student's home address type (binary: 'U' - urban or 'R' - rural)

5 famsize - family size (binary: 'LE3' - less or equal to 3 or 'GT3' - greater than 3)

6 Pstatus - parent's cohabitation status (binary: 'T' - living together or 'A' - apart)

7 Medu - mother's education (numeric: 0 - none, 1 - primary education (4th grade), 2 - 5th to 9th grade, 3 - secondary education or 4 - higher education)

8 Fedu - father's education (numeric: 0 - none, 1 - primary education (4th grade), 2 - 5th to 9th grade, 3 - secondary education or 4 - higher education)

9 Mjob - mother's job (nominal: 'teacher', 'health' care related, civil 'services' (e.g. administrative or police), 'at\_home' or 'other')

10 Fjob - father's job (nominal: 'teacher', 'health' care related, civil 'services' (e.g. administrative or police), 'at\_home' 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 activities - extra-curricular activities (binary: yes or no)

18 internet - Internet access at home (binary: yes or no)

19 famrel - quality of family relationships (numeric: from 1 - very bad to 5 - excellent)

20 freetime - free time after school (numeric: from 1 - very low to 5 - very high)

21 goout - going out with friends (numeric: from 1 - very low to 5 - very high)

22 Dalc - workday alcohol consumption (numeric: from 1 - very low to 5 - very high)

23 Walc - weekend alcohol consumption (numeric: from 1 - very low to 5 - very high)

24 health - current health status (numeric: from 1 - very bad to 5 - very good)

25 absences - number of school absences (numeric: from 0 to 93)

26 G31 (종속변수) –점수가 상승했으면 1, 같거나 떨어졌으면 0