**Description of the Variables**

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| Variable: | Description: | Role | Level |
| absences | Number of school absences (from 0 to 93) | Input | Numeric |
| age | Student’s age | Input | Numeric |
| failures | Number of past class failures (n if 1<=n<3, else 4) | Input | Numeric |
| famrel | Quality of family relationships (1: very bad … 5: excellent) | Input | Numeric |
| fedu | Father’s level of education (0: none, 1: primary education (4th grade), 2: 5th to 9th grade, 3: secondary education, or 4: higher education) | Input | Numeric |
| freetime | Free time after school (1: very low … 5: very high) | Input | Numeric |
| goout | Going out with friends (1: very low … 5: very high) | Input | Numeric |
| health | Current health status (1: very bad … 5: very good) | Input | Numeric |
| medu | Mother’s level of education (0: none, 1: primary education (4th grade), 2: 5th to 9th grade, 3: secondary education, or 4: higher education) | Input | Numeric |
| gender | Gender of the student (M or F) | Input | Categorical |
| studytime | Weekly study time (1: <2 hours, 2: 2 to 5 hours, 3: 5 to 10 hours, or 4: >10 hours) | Input | Numeric |
| traveltime | Home to school travel time (1: <15 min., 2: 15 to 30 min., 3: 30 min. to 1 hour, or 4: >1 hour) | Input | Numeric |
| Alc | Weekend alcohol consumption (1: Yes, 0: No) | Target | Binary |