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Variable Name	Role	Type	Description	Encoding / Specific Values
Marital status	Feature	Integer (Categorical)	The marital status of the student.	1: single, 2: married, 3: widower, 4: divorced, 5: facto union, 6: legally separated 1
Application mode	Feature	Integer (Categorical)	The method of application used by the student.	e.g., 1: 1st phase - general contingent, 2: Ordinance No. 612/93,..., 57: Change of institution/course (International) 1
Application order	Feature	Integer (Numerical/Ordinal)	The order in which the student applied.	0: first choice to 9: last choice 5
Course	Feature	Integer (Categorical)	The course taken by the student.	e.g., 33: Biofuel Production Technologies, 171: Animation and Multimedia Design,..., 9991: Management (evening attendance) 18
Daytime/evening attendance	Feature	Integer (Binary/Categorical)	Whether the student attends classes during the day or in the evening.	1: daytime, 0: evening 1
Previous qualification	Feature	Integer (Categorical/Ordinal)	The qualification obtained by the student before enrolling in higher education.	e.g., 1: Secondary education, 2: Higher education - bachelor's

				degree,..., 43: Higher education - master (2nd cycle) 1
Previous qualification (grade)	Feature	Continuous (Numerical)	The grade obtained by the student before enrolling in higher education.	Between 0 and 200 1
Nacionality	Feature	Integer (Categorical)	The nationality of the student.	e.g., 1: Portuguese, 2: German,..., 109: Colombian 1
Mother's qualification	Feature	Integer (Categorical/Ordinal)	The qualification of the student's mother.	Numerical codes representing education levels (see detailed list in 2) 2
Father's qualification	Feature	Integer (Categorical/Ordinal)	The qualification of the student's father.	Numerical codes representing education levels (see detailed list in 2) 2
Mother's occupation	Feature	Integer (Categorical)	The occupation of the student's mother.	Numerical codes (see detailed list in 17) 5
Father's occupation	Feature	Integer (Categorical)	The occupation of the student's father.	Numerical codes (see detailed list in 17) 5
Admission grade	Feature	Continuous (Numerical)	Cumulative academic qualification/score used by institutions to assess applicant's suitability.	Between 0 and 200 24
Displaced	Feature	Integer (Binary/Categorical)	Whether the student is a displaced person.	1: yes, 0: no 5
Educational special needs	Feature	Integer (Binary/Categorical)	Whether the student has any	1: yes, 0: no 5

			special educational needs.	
Debtor	Feature	Integer (Binary/Categorical)	Whether the student is a debtor.	1: yes, 0: no 5
Tuition fees up to date	Feature	Integer (Binary/Categorical)	Whether the student's tuition fees are up to date.	1: yes, 0: no 5
Gender	Feature	Integer (Binary/Categorical)	The gender of the student.	1: male, 0: female 5
Scholarship holder	Feature	Integer (Binary/Categorical)	Whether the student is a scholarship holder.	1: yes, 0: no 5
Age at enrollment	Feature	Integer (Numerical/Discrete)	The age of the student at the time of enrolment.	Numerical value 5
International	Feature	Integer (Binary/Categorical)	Whether the student is an international student.	1: yes, 0: no 5
Curricular units 1st sem (credited)	Feature	Integer (Numerical/Discrete)	The number of curricular units credited by the student in the first semester.	Numerical value 5
Curricular units 1st sem (enrolled)	Feature	Integer (Numerical/Discrete)	The number of curricular units enrolled by the student in the first semester.	Numerical value 5
Curricular units 1st sem (evaluations)	Feature	Integer (Numerical/Discrete)	The number of curricular units evaluated by the student in the first semester.	Numerical value 5
Curricular units 1st sem (approved)	Feature	Integer (Numerical/Discrete)	The number of curricular units approved by the student in the first semester.	Numerical value 5

Curricular units 1st sem (grade)	Feature	Continuous (Numerical)	The average grade of curricular units in the first semester.	Between 0 and 200 5
Curricular units 1st sem (without evaluations)	Feature	Integer (Numerical/Discrete)	The number of curricular units without evaluations in the first semester.	Numerical value 5
Curricular units 2nd sem (credited)	Feature	Integer (Numerical/Discrete)	The number of curricular units credited by the student in the second semester.	Numerical value 5
Curricular units 2nd sem (enrolled)	Feature	Integer (Numerical/Discrete)	The number of curricular units enrolled by the student in the second semester.	Numerical value 5
Curricular units 2nd sem (evaluations)	Feature	Integer (Numerical/Discrete)	The number of curricular units evaluated by the student in the second semester.	Numerical value 5
Curricular units 2nd sem (approved)	Feature	Integer (Numerical/Discrete)	The number of curricular units approved by the student in the second semester.	Numerical value 5
Curricular units 2nd sem (grade)	Feature	Continuous (Numerical)	The average grade of curricular units in the second semester.	Between 0 and 200 5
Curricular units 2nd sem (without evaluations)	Feature	Integer (Numerical/Discrete)	The number of curricular units without evaluations in the second semester.	Numerical value 5
Unemployment rate	Feature	Continuous (Numerical)	Unemployment rate in the region.	Numerical value 5
Inflation rate	Feature	Continuous (Numerical)	Inflation rate in the region.	Numerical value 5

GDP	Feature	Continuous (Numerical)	Gross Domestic Product of the region.	Numerical value 5
Target	Target	Categorical	Student's status at the end of the normal course duration.	Dropout, Enrolled, Graduate 5

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