

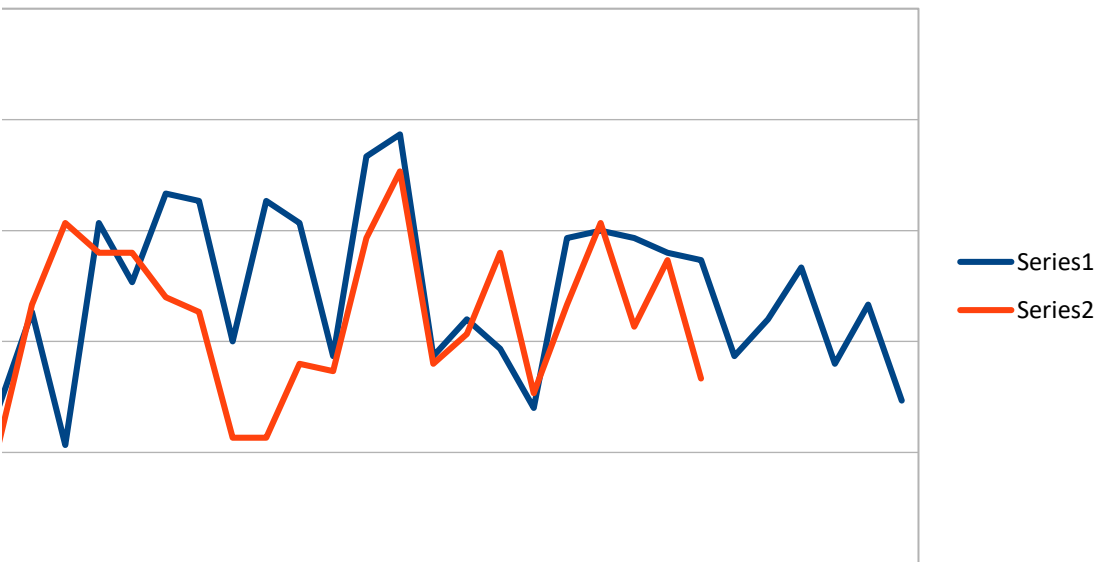
Male	Female	age_15	age_16	age_17	age_18	address_rural	have_failures	schoolsup	
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0	1	1	1	0	0	0	1	0	1
1	0	1	1	0	0	0	1	0	1
0	1	1	1	0	0	0	1	0	1
0	1	1	1	0	0	0	0	0	1

sex	age	address	failures	schoolsup	famsup	paid	activities	internet
F		17 U		0 no	yes	no	no	yes
M		16 U		0 no	no	no	no	yes
M		15 U		0 no	yes	no	no	yes
F		16 U		0 no	yes	no	no	yes
M		15 U		0 no	no	no	no	yes
M		15 U		0 no	yes	no	no	yes
F		16 U		0 no	yes	no	no	yes
F		18 U		0 yes	no	no	no	no
F		17 U		0 yes	yes	no	no	no
M		15 U		0 yes	yes	no	no	yes
F		16 U		0 no	yes	yes	no	no
M		15 U		0 no	yes	yes	no	no
M		15 U		0 no	yes	yes	no	yes
F		15 U		0 no	yes	yes	no	yes
M		15 U		0 no	yes	yes	no	yes
M		15 U		0 no	yes	yes	no	yes
F		16 U		2 no	yes	yes	no	yes
M		15 U		0 no	yes	yes	no	yes
M		15 U		0 no	no	yes	no	yes
M		15 U		0 no	yes	yes	no	yes
M		16 U		0 no	yes	yes	no	yes
F		15 U		3 yes	no	yes	no	yes
F		15 U		0 no	yes	no	yes	no
F		15 U		0 no	yes	no	yes	yes
M		17 U		3 no	yes	no	yes	yes
M		16 U		0 no	no	no	yes	yes
M		16 U		0 no	yes	no	yes	yes
M		15 U		0 no	yes	no	yes	yes
M		15 R		0 no	yes	no	yes	yes
M		15 U		0 no	no	no	yes	yes
M		15 U		0 no	yes	no	yes	yes
M		16 R		0 no	yes	no	yes	yes
F		16 U		1 no	yes	no	yes	yes
M		15 U		0 no	yes	no	yes	yes
M		16 U		0 no	no	no	yes	yes
F		16 U		0 yes	yes	no	yes	no
M		16 U		0 yes	yes	no	yes	yes
F		16 U		1 yes	no	no	yes	yes
F		15 U		1 yes	yes	no	yes	yes
F		15 U		0 no	yes	yes	yes	yes
M		16 U		0 no	yes	yes	yes	yes
M		15 U		0 no	yes	yes	yes	yes
M		15 U		0 no	yes	yes	yes	yes
F		16 U		0 no	yes	yes	yes	yes
M		16 U		0 no	no	yes	yes	yes
M		16 U		0 no	yes	yes	yes	yes
F		15 R		0 yes	yes	yes	yes	no
F		15 R		0 yes	yes	yes	yes	yes
F		15 R		0 yes	yes	yes	yes	yes
F		15 U		0 yes	yes	yes	yes	yes

famsup	paid	activities	internet	low_absen	G[5,10)	G[10,15)	G[15,20)
1	0	0	1	1	1	0	0
0	0	0	1	1	0	1	0
1	0	0	1	1	0	0	1
1	0	0	1	1	0	1	0
0	0	0	1	1	0	1	0
1	0	0	1	0	0	1	0
1	0	0	1	0	0	1	0
0	0	0	0	1	1	0	0
1	0	0	0	1	1	0	0
1	0	0	1	1	1	0	0
1	1	0	0	1	1	0	0
1	1	0	0	1	0	1	0
1	1	0	1	1	0	0	1
1	1	0	1	1	1	0	0
1	1	0	1	1	0	1	0
1	1	0	1	1	0	1	0
1	1	0	1	0	1	0	0
1	1	0	1	1	0	1	0
0	1	0	1	1	0	0	1
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0	1	0	1	0	1	0	0
1	0	1	0	1	1	0	0
1	0	1	1	0	1	0	0
0	0	1	1	1	0	0	1
1	0	1	1	1	0	1	0
1	0	1	1	1	0	0	1
1	0	1	1	1	0	0	1
0	0	1	1	1	0	1	0
1	0	1	1	1	0	0	1
1	0	1	1	0	1	0	0
1	0	1	1	1	0	0	1
0	0	1	1	1	0	0	1
1	0	1	1	1	0	1	0
1	0	1	1	1	0	1	0
0	0	1	1	0	1	0	0
1	0	1	1	1	1	0	0
1	1	1	1	1	0	1	0
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1	1	1	1	1	1	0	0
1	1	1	1	1	0	1	0
1	1	1	1	1	0	1	0
1	1	1	1	0	1	0	0
1	1	1	1	1	1	0	0
1	1	1	1	0	1	0	0

absences	Standardization	low_absen	G1	G2	G3	Ave G	G[5,10)	G[10,15)	G[15,20)	
4	-0.090	1	5	5	6	5	1	0	0	
0	-0.836	1	12	12	11	12	0	1	0	
0	-0.836	1	14	16	16	15	0	0	1	
4	-0.090	1	14	14	14	14	0	1	0	25
0	-0.836	1	13	14	15	14	0	1	0	
8	0.657	0	12	12	12	12	0	1	0	
12	1.404	0	11	12	11	11	0	1	0	20
6	0.284	1	5	6	6	6	1	0	0	
6	0.284	1	6	5	6	6	1	0	0	
0	-0.836	1	8	8	11	9	1	0	0	15
4	-0.090	1	6	10	10	9	1	0	0	
2	-0.463	1	15	15	14	15	0	1	0	
0	-0.836	1	16	18	19	18	0	0	1	10
0	-0.836	1	10	8	9	9	1	0	0	
2	-0.463	1	10	10	11	10	0	1	0	
0	-0.836	1	12	15	15	14	0	1	0	
14	1.777	0	6	9	8	8	1	0	0	5
2	-0.463	1	12	12	11	12	0	1	0	
4	-0.090	1	15	16	15	15	0	0	1	
0	-0.836	1	9	11	12	11	0	1	0	
0	-0.836	1	12	14	15	14	0	1	0	0
10	1.030	0	7	8	10	8	1	0	0	
0	-0.836	1	8	7	6	7	1	0	0	
4	-0.090	1	10	12	12	11	0	1	0	
16	2.150	0	6	5	5	5	1	0	0	
2	-0.463	1	15	15	16	15	0	0	1	
0	-0.836	1	13	13	12	13	0	1	0	
0	-0.836	1	17	16	17	17	0	0	1	
0	-0.836	1	17	16	16	16	0	0	1	
0	-0.836	1	8	10	12	10	0	1	0	
2	-0.463	1	15	16	18	16	0	0	1	
7	0.470	1	15	16	15	15	0	0	1	
25	3.830	0	7	10	11	9	1	0	0	
2	-0.463	1	19	18	18	18	0	0	1	
4	-0.090	1	19	19	20	19	0	0	1	
4	-0.090	1	8	10	10	9	1	0	0	
4	-0.090	1	11	11	11	11	0	1	0	
14	1.777	0	10	10	9	10	1	0	0	
2	-0.463	1	7	7	7	7	1	0	0	
2	-0.463	1	15	14	15	15	0	1	0	
10	1.030	0	15	15	15	15	0	0	1	
0	-0.836	1	14	15	15	15	0	1	0	
2	-0.463	1	14	14	14	14	0	1	0	
6	0.284	1	13	14	14	14	0	1	0	
4	-0.090	1	8	10	10	9	1	0	0	
16	2.150	0	10	12	11	11	0	1	0	
8	0.657	0	14	13	13	13	0	1	0	
2	-0.463	1	10	9	8	9	1	0	0	
2	-0.463	1	12	12	11	12	0	1	0	
8	0.657	0	8	8	6	7	1	0	0	

The relationship between activities and grades



famsup	Ave G	schoolsup	famsup	Ave G
yes	9	no	no	12
yes	7	no	no	9
yes	15	no	no	14
yes	5	no	no	15
yes	15	no	no	15
yes	15	no	no	10
yes	18	no	no	19
yes	15			
yes	9	yes	no	6
yes	11	yes	no	8
yes	14	yes	no	10
yes	10			
yes	15	yes	yes	6
yes	14	yes	yes	9
yes	14	yes	yes	13
yes	5	yes	yes	9
yes	14	yes	yes	11
yes	13	yes	yes	12
yes	8	yes	yes	9
yes	12	yes	yes	7
yes	11	yes	yes	7
yes	11			
yes	17			
yes	16			
yes	14			
yes	16			
yes	15			
yes	9			
yes	12			
yes	18			
yes	11			

4.48

5.36