## «به نام خدا»

تکلیف هفتم – سوال چهارم – مرضیه علیدادی – 9631983 (کد های مربوط، در دو فرمت pynb. فمیمه شده اند.)

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(a

age     gender     chest pain type     serum cholestoral     fasting blood sugar     resting electrocardiographic     maximum heart rate achieved     exercise induced angina     target       0     63     1     3     233     1     0     NaN     0     1       1     37     1     2     250     0     1     187.0     0     0     1       2     41     0     1     204     0     0     172.0     0     0     1       3     56     1     1     236     0     1     178.0     0     0     1       4     57     0     0     354     0     1     163.0     1     1										
1   37   1   2   250   0   1   187.0   0   1     2   41   0   1   204   0   0   172.0   0   1     3   56   1   1   236   0   1   178.0   0   1     4   57   0   0   354   0   1   163.0   1   1		age	gender				resting electrocardiographic			target
2   41   0   1   204   0   0   172.0   0   1     3   56   1   1   236   0   1   178.0   0   1     4   57   0   0   354   0   1   163.0   1   1	0	63	1	3	233	1	0	NaN	0	1
3   56   1   1   236   0   1   178.0   0   1     4   57   0   0   354   0   1   163.0   1   1	1	37	1	2	250	0	1	187.0	0	1
4   57   0   0   354   0   1   163.0   1   1	2	41	0	1	204	0	0	172.0	0	1
298 57 0 0 241 0 1 123.0 1 0   299 45 1 3 264 0 1 132.0 0 0   300 68 1 0 193 1 1 141.0 0 0   301 57 1 0 131 0 1 115.0 1 0	3	56	1	1	236	0	1	178.0	0	1
298     57     0     0     241     0     1     123.0     1     0       299     45     1     3     264     0     1     132.0     0     0     0       300     68     1     0     193     1     1     141.0     0     0     0       301     57     1     0     131     0     1     115.0     1     0	4	57	0	0	354	0	1	163.0	1	1
299 45 1 3 264 0 1 132.0 0 0   300 68 1 0 193 1 1 141.0 0 0   301 57 1 0 131 0 1 115.0 1 0										
300 68 1 0 193 1 1 141.0 0 0   301 57 1 0 131 0 1 115.0 1 0	298	57	0	0	241	0	1	123.0	1	0
<b>301</b> 57 1 0 131 0 1 115.0 1 0	299	45	1	3	264	0	1	132.0	0	0
	300	68	1	0	193	1	1	141.0	0	0
<b>302</b> 57 0 1 236 0 0 174.0 0 0	301	57	1	0	131	0	1	115.0	1	0
	302	57	0	1	236	0	0	174.0	0	0

303 rows × 9 columns

## یک مقدار null در این دیتاست وجود داشت. سطر نظیرش را حذف کردم:

age	0				
gender	0				
chest pain type	0				
serum cholestoral	0				
fasting blood sugar	0				
resting electrocardiographic	0				
maximum heart rate achieved	1				
exercise induced angina					
target	0				

dtype: int64

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