

Matrix A	
4	1
3	1
7	1
2	1
6	1
8	1

Matrix A'					
4	3	7	2	6	8
1	1	1	1	1	1

Multiplied A'.A	
178	30
30	6

(A'.A)^-1	
0.03571428571	-0.1785714286
-0.1785714286	1.05952381

A'.y
582
108

b = (A'.A)^-1 * A'.y
1.5
10.5

x	y
4	16
3	12
7	20
2	17
6	18
8	25
Slope(m)	1.5
Correlation(r)	0.8186652344
Intercept(c)	10.5

