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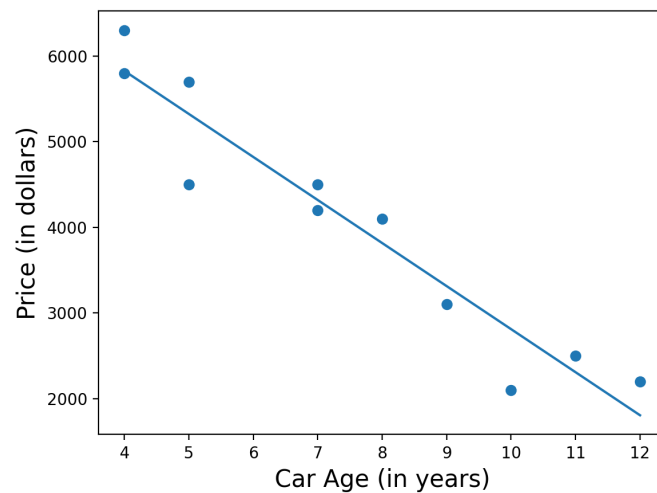
# Data science

HOMEWORK #2

2014097081 CHO YOONSANG

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	Car Age(X)	Price(Y)	$xy$	$x^2$	$y^2$	X bar	Y bar
	4	6300	25200	16	39690000	7.4545	4090.9091
	4	5800	23200	16	33640000		
	5	5700	28500	25	32490000		
	5	4500	22500	25	20250000	b1	b0
	7	4500	31500	49	20250000	-502.4249	7836.2587
	7	4200	29400	49	17640000		
	8	4100	32800	64	16810000	Regression equation	Y=7336.25-502.42X
	9	3100	27900	81	9610000		
	10	2100	21000	100	4410000		
	11	2500	27500	121	6250000		
	12	2200	26400	144	4840000		
SUM	82	45000	295900	690	205880000		



	Sales(X)	Online Ads(Y)	$xy$	$x^2$	$y^2$	X bar	Y bar
1	368	1.7	625.6	135424	2.89	512.857	2.257
2	340	1.5	510	115600	2.25		
3	665	2.8	1862	442225	7.84		
4	954	5	4770	910116	25	b1	b0
5	331	1.3	430.3	109561	1.69	0.006	-0.618
6	556	2.2	1223.2	309136	4.84		
7	376	1.3	488.8	141376	1.69	Regression equation	Y=-0.618+0.005X
SUM	3590	15.8	9909.9	2163438	46.2		

