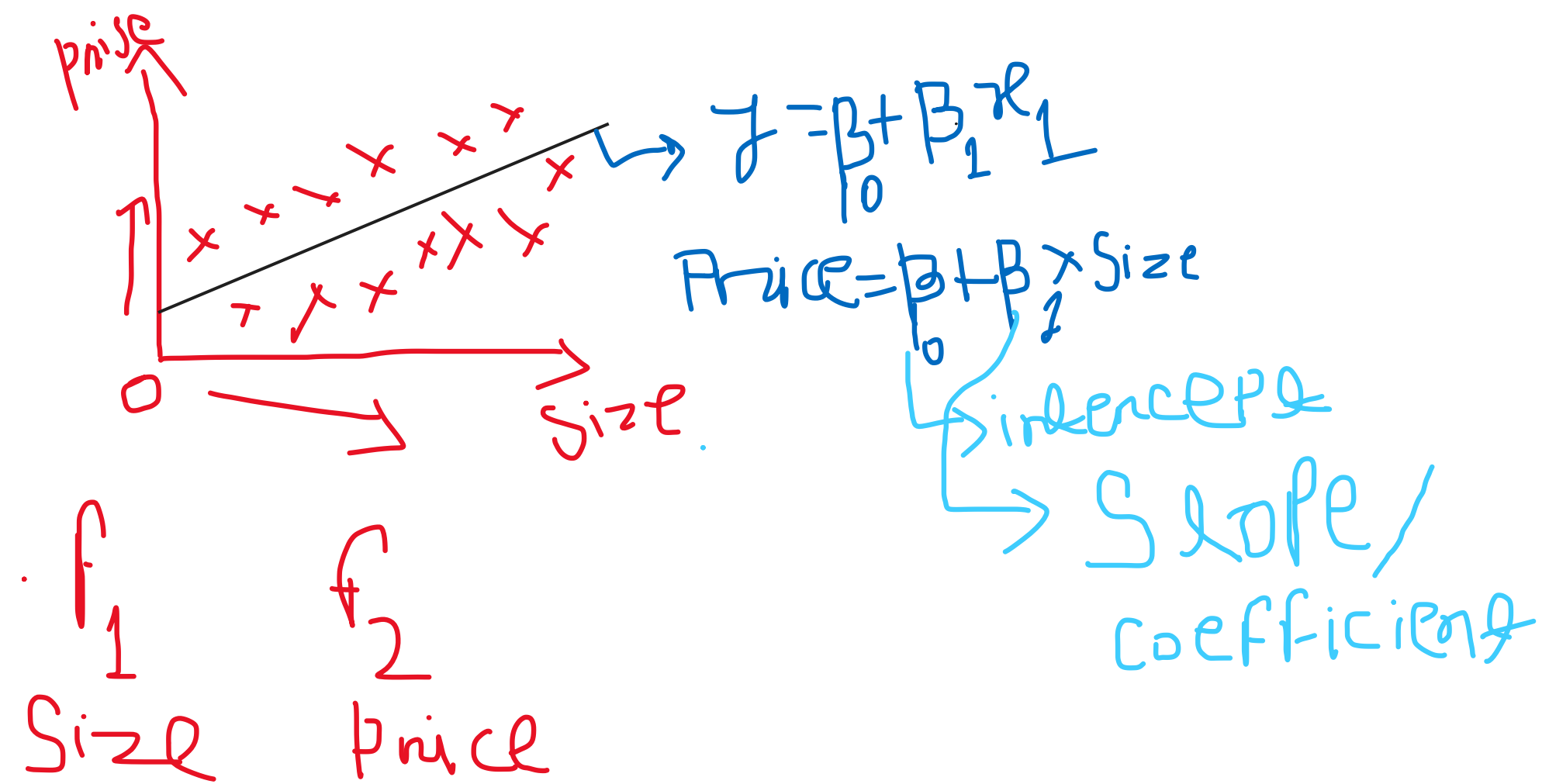


Simple Linear Regression



Multi Linear Regression

f_1 → size

f_2 → no. of bed

f_3 → location

f_4 → Price

$$y = \beta_0 + \beta_1 x_1 + \beta_2 x_2 + \beta_3 x_3$$

β_0 → intercept

Index	R&D Spenc	Administratic	rketing Spe	State	Profit
0	165349	136898	471784	New York	192262
1	162598	151378	443899	California	191792
2	153442	101146	407935	Florida	191050
3	144372	118672	383200	New York	182902
4	142197	91391.8	366168	Florida	166188
5	131877	99814.7	362861	New York	156991
6	134615	147199	127717	California	156123
7	130298	145530	323877	Florida	155753
8	120543	148719	311613	New York	152212
9	123335	108679	304982	California	149760
10	101913	110594	229161	Florida	146122

Format Resize ☒ Background color ☒ Column min/max Save and Close Close