

Errata: Simple Linear Regression Video

In the prior video "Simple Linear Regression", there is an error in the calculation of θ_0 at the timestamp 9:43 **Estimating The Parameter slide**. Please see the correction done here.

	ENGINE SIZE	CYLINDERS	FUEL CONSUMPTION (COMB)	CO2 EMISSIONS
0	2.0	4	8.5	196
1	2.4	4	9.6	221
2	1.5	4	5.9	136
3	3.5	6	11.1	255
4	3.5	6	10.6	244
5	3.5	6	10.0	230
6	3.5	6	10.1	232
7	3.7	6	11.1	255
8	3.7	6	11.6	267

X_1 is indicated by a bracket on the left side of the table, grouping the ENGINE SIZE column. y is indicated by a bracket on the right side of the table, grouping the CO2 EMISSIONS column.

The accurate value of θ_0 should be as follows:

$\theta_0 = 226.22 - 39 \times 3.03$ should be equal to 108.05.

Additionally, at the timestamp 11:22, **Predictions with Linear Regression slide** the correct calculation is as follows:

	ENGINE SIZE	CYLINDERS	FUEL CONSUMPTION (COMB)	CO2 EMISSIONS
0	2.0	4	8.5	196
1	2.4	4	9.6	221
2	1.5	4	5.9	136