☰ **coursera**

☰ **Menu**

Errata: Multiple Linear Regression Video

In the prior video "Multiple Linear Regression", an error occurred at the timestamp 10:00 in calculating Theta T, **Predicting with Multiple Linear Regression**. Please see correction below.

	ENGINESIZE	CYLINDERS	FUELCONSUMPTION_COMB	CO2EMISSIONS
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
9	2.4	4	9.2	?

The accurate value of Theta T should be as follows:

Theta T value: [62.43, 9.19, 8.70, 9.68]

The corresponding regression equation is:

y_bar = 62.43 + 9.19 * x1 + 8.70 * x2 + 9.68 * x3

Additionally, at the timestamp 10:20,

the correct predicted CO2 emissions (Co2Em) calculation is:

Co2Em = 62.43 + 9.19 * 2.4 + 8.70 * 4 + 9.68 * 9.2