Unit 7 Discussion Example - First Response to a Classmate's Post

First response: Choose a classmate's post and review the linear regression (prediction line) equation. Select a value for the independent variable X and calculate the predicted Y. Be sure to show your work. Does the predicted value seem reasonable?

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I looked at the UsedCar.xlsx regression equation between age and price. How about if the age of the used car was 20 years old?

Price = 26,712.80889 - 1512.885(age)

Price = 26,712.80889 - 1512.885(20)

So, based on this prediction line equation, if I had a 20 year old car, I could expect to sell it for -$3,544.89. This does not seem reasonable since the selling price would need to be ≥ $0.00.