

Trial 7: \$344,750.00

Trial 8: \$407,232.00

Trial 9: \$352,315.38

Trial 10: \$316,890.00

Range in prices: \$118,222.22

Question 11 - Applicability

In a few sentences, discuss whether the constructed model should or should not be used in a real-world setting.

Hint: Some questions to answering:

- *How relevant today is data that was collected from 1978?*
- *Are the features present in the data sufficient to describe a home?*
- *Is the model robust enough to make consistent predictions?*
- *Would data collected in an urban city like Boston be applicable in a rural city?*

Answer:

I think the construced model should not be used in a real-world setting. Today's housing prices are much higher than the prices in 1978. The features present in the data is not sufficient to describe a home. The transportation, environment ,resident income and many other factors are also very important. This model is not robust enough to make consistent predictions. What's more, the data collected in an urbancity cannot be applied in a rural city.