**Housing Prices Prediction**

**Machine Learning**

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# **Reflection**

The “Housing Prices Prediction” is the second activity we did in the class. I am starting to understand the basics of machine learning. The activity is easy to do since it is similar to the first activity. The difference is there are multiple data in the x variable. I have learned that there can be multiple data that can be assigned to the variable. The x variable contains the information about the subject, while the y variable contains the main information of the subject. The data is divided into training and test data and then used the linear regression algorithm. I learned that there are other ways to predict by using different types of algorithms. Instead of using an accuracy score, I used the Root-mean-square deviation/error [RMS(D/E)] formula. RMSE is the average difference between the prediction and the real values. It shows how accurately it predicts the actual values. These new codes have been difficult at the start, but analyzing the code makes it easier to understand and use it. Some codes are from online, and I analyze, study, and change them to my own version. The learning process is fun, and I am excited to learn more about machine learning.