

**Machine learning is one part of AI?**

<https://medium.com/@shreyasb494/relationship-between-artificial-intelligence-machine-learning-and-data-science-15a87e2cc758>

**Once you have the model trained, how would you use it in practice? Say you had a new house listing with x sq footage, y floors, built year z, etc. How can you run the model on this data point to see its worth?**

Some articles about productionizing machine learning models:

<https://medium.com/swlh/productionizing-machine-learning-models-bb7f018f8122>

<https://www.kdnuggets.com/2020/10/5-best-practices-machine-learning-models-production.html>

**Where is the link to the data?**

House price prediction data:

<https://www.kaggle.com/c/house-prices-advanced-regression-techniques>

Datathon data:

<https://www.kaggle.com/c/widsdatathon2022/data>

**What is scaling?**

You can check out this blog: [all about scaling](#)

**Regularization (Ridge and Lasso)**

<https://towardsdatascience.com/intro-to-regularization-with-ridge-and-lasso-regression-with-sklearn-edcf4c117b7a>

**Label vs one-hot encoding:**

<https://towardsdatascience.com/categorical-encoding-using-label-encoding-and-one-hot-encoder-911ef77fb5bd>

**I have a question - something like ratings (0-10) as target - could that be regression too?**

Take a look at this blog post here [rating based on humans assessment a regression or a classification](#)

**Relationship between AI and Machine learning**

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