

1. Choose the most suitable evaluation metric and state why you chose it.

No single metric is perfect, different evaluation metric fits on a different set of a dataset. So based on my data, I have chosen Mean absolute error as my evaluation metric

Why did i choose it ?

1. Mean Absolute Error is a very simple metric - My systems configuration limitations made me choose a simple metric

- KNN models consumed huge time and system hanged during the process multiple times

2.The Mean Absolute Error you get is in the same unit as the output variable - No extra steps to convert

3.It is most Robust to outliers - Our data set has many outliers so MAE would be a better fit

In []:

