IMDB Rating Prediction Model description (This is just an overview of what I did. For more detailed description you can read the notebook)

Step 1 – Import the required packages.

I imported packages like numpy, pandas, sklearn to use.

Step 2 – Import the dataset.

Step 3 – Data Pre-processing -

1. Transformed the movie length column.
2. Removed the useless columns.
3. Used Label Encoder.
4. Dealt with the missing values.
5. Checked the correlations.
6. Split the dataset in train, test dataset.

Step 4 – Model Testing -

1. Linear Regression Model gave MAPE = 1.67.
2. Ridge Model gave MAPE = 2.24.
3. Lasso Model gave MAPE = 1.83.