Evaluation Metrics for Regression Problems

Error = Ythue - Ypred Abs. everor = abs. (Ythue-Ypred.)

Mean. Abs. Error = Zabs. (Ye-Yp) Squarred = (True Value - Predicted)2 | Constant | Value | Val

Mean Squaround = S(YT-YP) RMSE = SQRT (MSE)

Error (MSE) T=1 N

Squarred Log = \((1+\forall_t)-(1+\forall_p)\)^2\\
Error(SLG) = \((1+\forall_t)-(1+\forall_p)\)^2\\
\[RMSLE = \left(\forall_{=1}^2\left\((1+\forall_t)-(1+\forall_p)\right\)^2\\
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\]

Percentage = YT-YP x 100

Absolute = abs (Y7-YP *100)
Error

MAPE = Mean (APE)

R2=1- = 1 (47-4P)2 coefficient of E (87 - 47 mean)
determination 1=4

K-Squared (R) score tells how good over model fits the data If it is closer to 1, it means our model fits the data quite well If it is closer to O, it means over model isn't that good.