Evaluation Metrics

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Evaluation metrics are quantitative measure
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well the model is performing and help in comparing different models or algorithms.
Evaluation metrics compare protupl valualization (U)
and predictive value (4) to give scalar value
On the basis of scalar value you can predict
Evaluation metrics compare actual value output (4) and predictive value (4) to give scalar value. On the basis of scalar value you can predict how the modelais behavings in to predict
Regression Evaluation Metrics -
Note - Y - actual laxing alma
Note - 4 - actual original value. 9 - predicted value
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Sum of absolute error - Difference between
Predicted and original values.
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2 Mean Absolute Error (MAE) - It is the average distance between Predicted and original values.

$$MAE = 1 \sum_{i=1}^{N} |y_i - \hat{y_i}|$$

3. Sum of aquared Errors (SSE) - It is similar to sum of absolute error but the difference is it take the square between predicted and original values.

4. Mean squared Error (MSE)-It is similar to mean absolute error but the difference is it takes the square of the average of between predicted and original values.

Note-Range for above 4 models is [0, 00] "o"means ideal model.

5. r2-score | r squared | coefficient of netermination-Rascore = by the course made on the facility of the target of bruiging; =: Actualiforiginal value unus soil and 4; = Predicted value y = Average of actual value of colicais of FI-Carin may I roups moris. Note : Range for Riz score model 13/1 (-20,1 helpilo 14 il means idealy model il 10 mills addi Bules traising king