

## Evaluation Metrics

### For Regression

- *MSE - Mean Squared Error*
- *MAE - Mean Absolute Error*
- *RMSE - Root Mean Squared Error*
- *$R^2$  - Coefficient of Determinant*
- *Adjusted R-squared*
- *MAPE - Mean Absolute Percentage Error*
- *MBD - Mean Bias Deviation*
- *MedAE - Median Absolute Error*
- *EVS - Explained Variance Score*

### For Classification

- *Accuracy*
- *Precision*
- *Recall - Sensitivity, True Positive Rate*
- *FPR - False Positive Rate*
- *Specificity - True Negative Rate*
- *F1 - score*
- *Confusion Metrix*
- *ROC curve - Receiver Operating Characteristic*
- *ROC AUC - ROC Area Under Curve*
- *PR AUC - Area Under the Precision-Recall curve*
- *MCC - Mathew's Correlation Coefficient*
- *Log loss - Binary Cross Entropy*
- *Categorical Cross entropy*
- *Hinge Loss*