## Random Forst Algorithm: Ensemble Techniques: Combining the predictions from multiple models (base learners) to get a more accurate model. Reduce 1) Bagging: Random Forest. overfitting) Each model is trained on the subset of the data. The new data is given to the each model and output is cheeked. for classification problems, ne use majority vote classifier! for regression problems, we calculate the average of the output Parallel model training Reduce Under titting 2) Boosting: The models are sequentially trained. Emor in one model is fined by other neat leamers are model.

combined.

AdaBoost Cradient Xg Boost

