

Gradient Boosting Classification

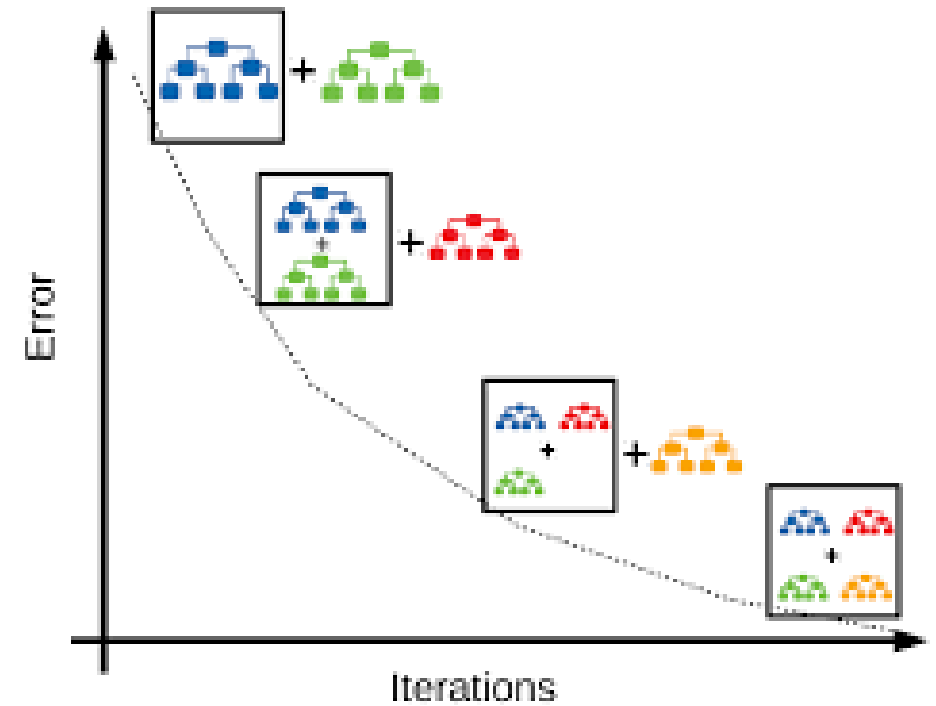
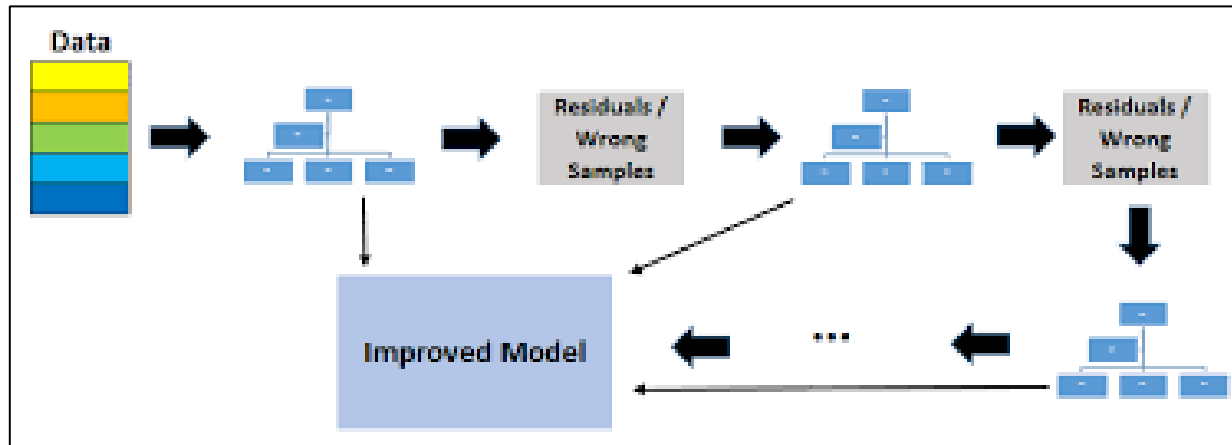
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Ensemble Techniques (More one model)

- Bagging (Random Forest) (Parallelly Multiple trees are created)
- Boosting (GradientBoost) (Corrective Models are created feedback is taken from every model and corrected) (Tree is added Sequentially)

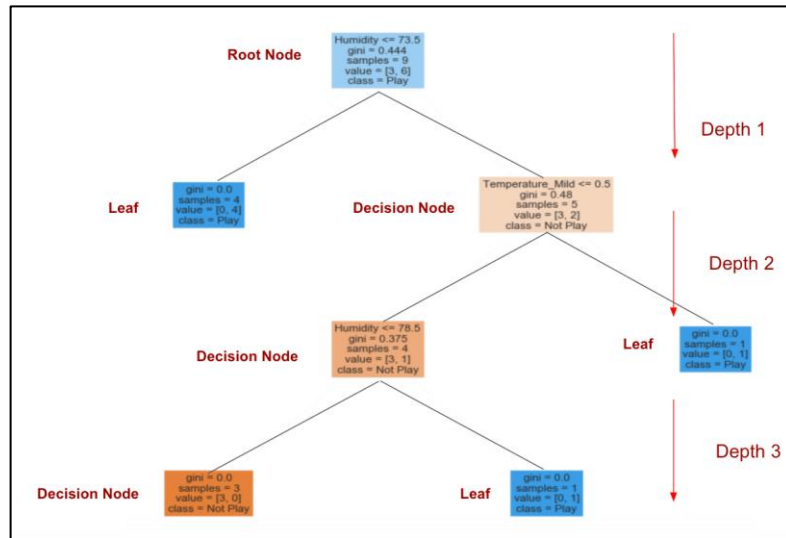
Gradient Boosting Classifier



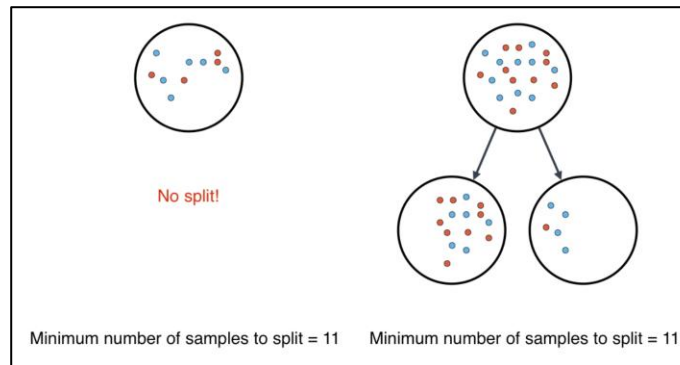
Gradient boosting Parameters

- `learning_rate` : 0 – 1 (By Default 0.1)
- `n_estimators` : any (By Default 100)
- `max_depth`
- `min_samples_split`
- `min_samples_leaf`

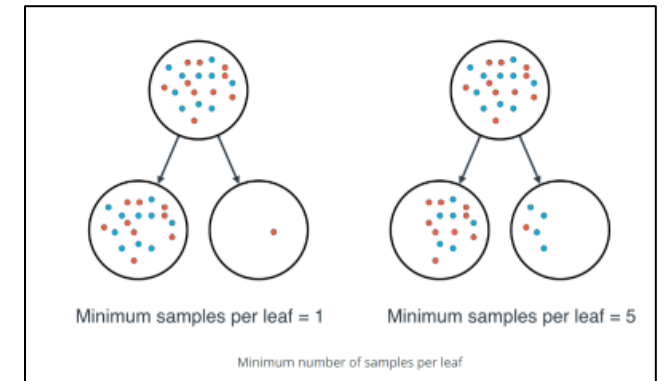
Parameters for Gradient Boost Algo



Max Depth



Min Samples Split



Min Samples Leaf

Classification Criterion : Gini or Entropy

Regression Criterion : Squared Error, Absolute Error

Thank you

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ONCE COMPLETED YOU CAN LEAVE FOR DAY TODAY