BOOSTING

ALGORITHM IN REGRESSION

AGENDA

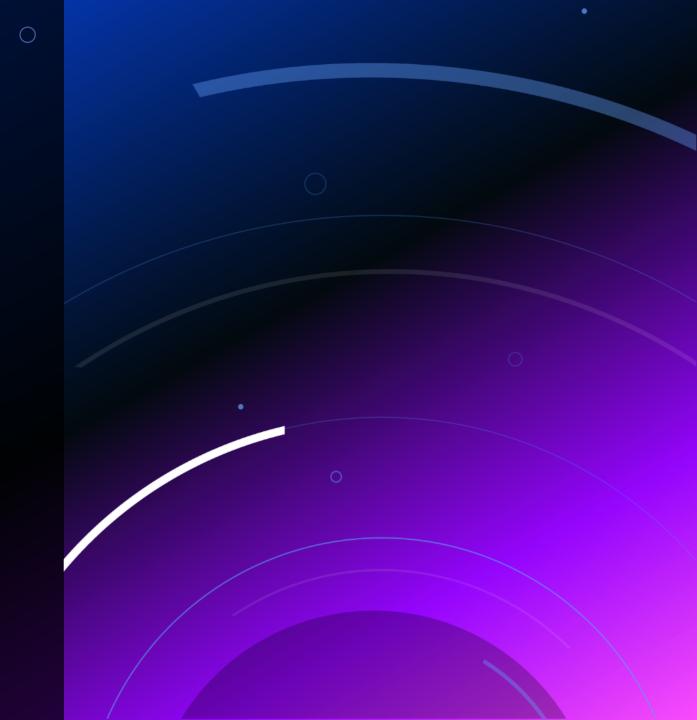
D/b Bosting Algorithms and Other Tree Algorithms

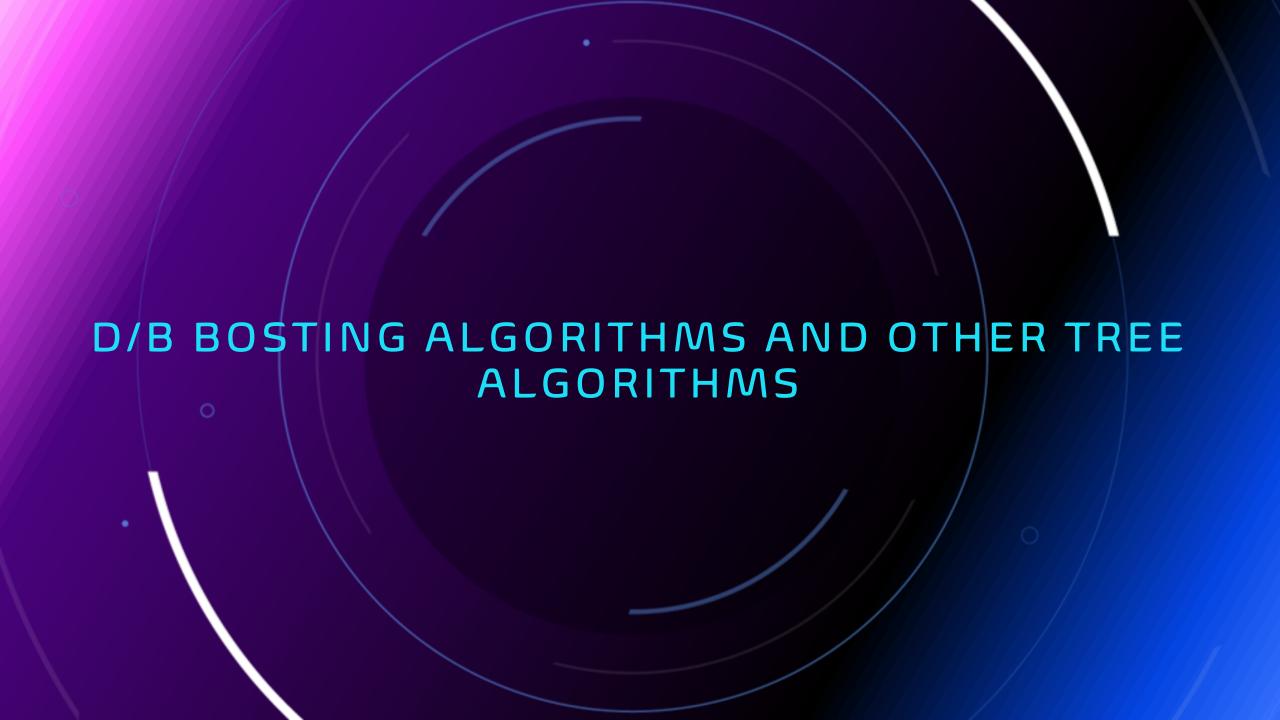
Ada Boosting Regressor

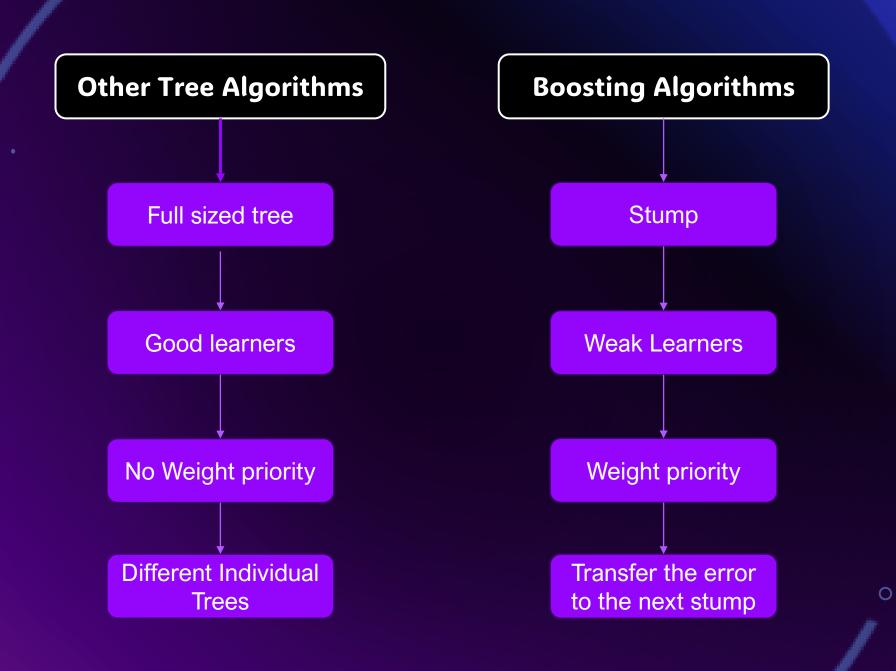
XG Boosting Regressor

LG Boosting Regressor

Final tips & takeaways



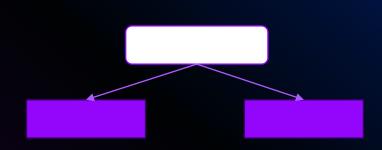




ADA BOOSTING REGRESSOR ALGORITHM

ADAM BOOSTING ALGORITHM IN ML

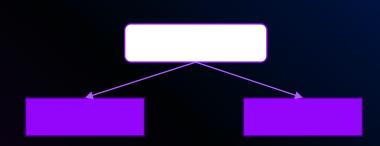
- Adaptive Boosting Algorithm
 - Its widely used for Decision Trees
- It also used for Random forest Algorithm
 - It combines a multiple weak learners to create a strong learner
- They use weighted average and vote for prediction



XG BOOSTING REGRESSOR ALGORITHM

XG BOOSTING ALGORITHM IN ML

- Extreme Gradient Boosting
- It can handle missing values in efficient manner
- It supports the parallel processing
- It can be used to train models on a large dataset
- They are customizable and allows fine tuning for optimized performance







THANK YOU

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