Gradient Boosting Trees

Intuitively:

- ullet Gradient boosting is a method for iteratively building a complex model T by adding simple models.
- Each new simple model added to the ensemble compensates for the weaknesses of the current ensemble:
 - each simple model $T^{(i)}$ we add to our ensemble model T, models the errors of T
 - ightharpoonup Thus, with each addition of $T^{(i)}$, the residual is reduced

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