Ensemble Methods : Strong learner
- Cambine multiple models to improve overall performance
=> The main idea is that using several models and Combining
their outputs (averaging - majority voting)
- individual model (LR, SVM, DT_)=> Single Learner (weak learner)  - Enclude Techniques:
=> Ensemble Techniques:
1 Voting: Combine the predictions of multiple models
by taking a mejority vote (for dassification) or averaging
(For Regression) ( hard Voting (voting (mode))
- diff. models - some dataset. Is soft noting (any -) Probabil
(For Regression)  - for classification [ soft voting (voting (mode))  - diff. models - some dataset. [ soft voting (avg - P Probabil  Bagging (Bootstrap Aggregation): Using multiple models
of the same type (DT) and each one is trained on
a different subset of dataset in Parallel.
-rex. Randomforest
3 Boosting: models are built sequentially, with each
new model focusing on Greeting the errors made by the previous ones (Same model - diff subsets)
AdaBoost sklearn
Xgboost xgboost Library
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