Hyperparameter Tuning Over from to addies , when choosing the optimal model . Neural networks - what tearning rate (nodes layers to use? minimum number of samples to use at the leaf node? · SVM - what's the optimum C parameter? Hyperparameter: estimator parameter that is not fitted to the model - Must be optimized separately Techniques: grid scarch random search GNO Search Allows you to search for the best parameter combination over a set of parameters (e.s. pleps form a grid on the x-g coordness) · Sklearn. grid-search. Grid Search C'V gril search cross validation

Randon Search CV . Each setting sampled from a distribution over possible parameter values Hyperparameter Tuning · Neural networks - what tearung rete (nods/ layers · Decision Tree or Random Forest - what's the minimum number of samples to use at the leaf node? · SVM - what's the optimum C parameter? Hyperparameter: estimator parameter that is not fitted to the model - Must be optimized separately Techniques: grid search random search GNO Search Allows you to search for the best parameter combination over a set of parameters (e.s. pleps form a grid on the x-y coordness) · Sklearn. grid-search. Grid Search C'V

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grid search cross validation