Practice quiz
Practice Quiz • 6 min

Hyperparameter tuning
- **Reading:** Week 4 overview 10 min
- **Video:** Hyperparameter tuning I 7 min
- **Video:** Hyperparameter tuning II 12 min
- **Notebook:** How to find sufficient `n_estimators` in Random Forest 10 min
- **Video:** Hyperparameter tuning III 13 min
- **Practice Quiz:** Practice quiz 3 questions
- **Quiz:** Graded quiz 4 questions
- **Reading:** Comments on quiz 10 min
- **Reading:** Additional material and links 10 min

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Practice quiz

TOTAL POINTS 3

1. **What can we do to deal with overfitting in LightGBM?** (1 point)
   - [ ] Decrease `num_leaves`
   - [ ] Decrease `min_data_in_leaf`
   - [ ] Increase `bagging_fraction`
   - [ ] Increase `min_data_in_leaf`
   - [ ] Increase `bagging_seed`
2. **What of the following parameter changes speed-up *training process* for LightGBM? That is, time needed for one boosting iteration is decreased.** (1 point)
   - [ ] Increasing max_bin
   - [ ] Decreasing num_leaves
   - [ ] Decreasing bagging_fraction
   - [ ] Decreasing verbosity
3. **How usually training time of SVM changes if we increase the value of parameter `C`?** (1 point)
   - ( ) Training time decreases
   - ( ) Training time increases

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