Dive Deeper

After learning about a slew of supervised learning algorithms in the previous module, you continued again with a very powerful, popular, and relatively new technique called support vector classifier. SVC facilitates your ability to do non-linear decision-making using linear surfaces. Another algorithm that similarly allows you to do non-linear classification is the decision tree algorithm, a tried and true, high-performing, and very configurable algorithm. Be sure to ever be on the lookout for accidentally overfitting when using it.

Congratulations, as you've now completed the modeling section of this course! There's only one more thing to do which is improve the way we've evaluated and tuned our algorithms. Before you get there, be sure to check out the links below to further your understanding of the material we just covered.

Support Vector Machines

- Practical Tips for SVC Usage
- SVM A-Z in 45 Minutes | MIT Open Courseware with Patrick Winston
- How to Choose a Kernel
- How Not to Choose a Kernel
- Outlier Detection Example
- Interactive JS-SVM

Lecture: Random Forest
Quiz

Dive Deeper

Decision Trees

- SKLearn and D3
- Information Gain and Metrics
- Machine Learning with DTrees | CS540
- Entropy

Ensemble Methods

- SKLearn Ensemble Methods

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