

File Edit View Tools Help

Boosting 🌣 👫 🙆







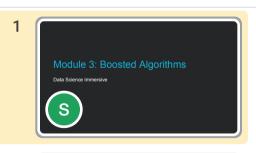












Aim: SWBAT differentiate between bagging and boosting ensemble methods as well as explain how a two specific boosting methods (AdaBoost and Gradient Boosting)

- Agenda:

  Review Ensemble Methods
  Learn about the AdaBoost method
  Learn about the Gradient Boosting
- Boosting (originally called hypothesis boosting) refers to any ensemble method that

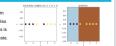
agging vs. Boosting

- Boosting is a generic algorithm rather than a specific model. Boosting needs you to specify a weak model (e.g. regression, shallow decision trees, etc) and then improves it.

- frozen and left unchanged.

## AdaBoost - Adaptive Boosting

developed for classification problems (also called discrete AdaBoost). The weakness is



# Module 3: Boosted Algorithms

**Data Science Immersive** 

#FLATIRON SCHOOL





