



## Ensembles

- Video:** Pulling It All Together  
1 min
- Video:** Ensembles  
3 min
- Video:** Stacked Ensembles In H2O  
10 min
- Reading:** Further Reading: Ensembles  
10 min
- Practice Quiz:** Ensembles  
4 questions
- Reading:** Final Task: advice  
10 min

## Other H2O Technologies

- Video:** Pojo And Mojo  
5 min
- Video:** Clusters  
3 min
- Video:** Deep Water  
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- Video:** Driverless AI  
1 min
- Video:** H2O4GPU  
1 min

## Final Project

- Video:** Week Six Summary  
38 sec
- Peer-graded Assignment:** Final Project  
4h
- Review Your Peers:** Final Project



# Further Reading: Ensembles

## Ensembles

There are three broad categories of ensembles:

- bagging (like Random Forest)
- boosting (like Gradient Boosting Machines)
- stacked (stacked ensembles; you might want to consider stacked autoencoders a type of this type of ensemble, though they are not normally considered as such)

[https://en.wikipedia.org/wiki/Ensemble\\_learning](https://en.wikipedia.org/wiki/Ensemble_learning)

The blog post I mentioned in the ensemble video is here:

[Darren's Developer Diary: Multinomial Ensemble In H2O](#)

## Stacked Ensembles

The H2O manual page is here:

<http://docs.h2o.ai/h2o/latest-stable/h2o-docs/data-science/stacked-ensembles.html>

(The bottom of the manual page has some links to additional information, example code, and academic papers on the technique.)

✓ Complete

Go to next item

