

# World Class Machine Learning

Machine Learning Hub

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ABOUT US

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Menu

## Review of Andrew Ng's Machine Learning Course

Posted on September 1, 2018 by Jonathan Steele

When I was first getting into machine learning and artificial intelligence, it was hard for me to find sources that I felt were both reliable and effective in helping me get off the ground. It took me awhile to find some people in the industry that I really liked. I eventually found Andrew Ng, and he is pretty much my favorite. His Coursera course was highly highly highly recommended by pretty much anyone who is offering advice about how to get started in machine learning, so after dabbling just a little bit elsewhere, I committed to starting and finishing his course. I've been working full time and had a few other things going on, so it took me just about all summer to finish it. So here's my Review.

### Pros

- Math/ Stats Foundations : I learned a lot more of the nitty gritty details behind how the algorithms work than a lot of practitioners use on a regular basis. It might not be

a Stanford class, but it sure seems like the every-day work of a lot of ML practitioners and Data Scientists is using libraries that often abstract away the little details.

- Advice about “What to work on Next”
- Bias vs Variance
- Data in Business Strategy
- ML Pipelines (and knowing what’s most important to work on next within the pipeline)
- How to get started on a new projects (start pursuing a basic model, finish the first version as quickly as possible, then do diagnostics from there to decide how to proceed further)

## Cons

- No Python in Course. I think that’s fine for now. Like I said, I learned a lot from starting with implementing algorithms, rather than using libraries. I feel I’m not super proficient with the libraries yet, just because I haven’t spent the hours yet, but his next courses use Python, so maybe I’ll have to try those next! Also, I plan on doing projects on Kaggle and on my own to help me with this.

## Next Steps

- Try and apply what I’ve learned at my day-job (I’ve started this already and I’ve been mildly successful thus far)
- Kaggle projects and competitions
- DeepLearning.ai courses (Andrew Ng and Python)
- Personal Projects, look at what other people are doing on Kaggle
- Get to know more people in the industry (possibly interview them for this blog)

## LANGUAGE

English ▾

## RECENT POSTS

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## Review of Andrew Ng's Machine Learning Course

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### F Scores

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### Single Numeric Evaluation Metric

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