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[Kenneth Tay](#) · 6 days ago 🗨️

I've enjoyed the machine learning material very much and now that the course is nearing its completion, I was wondering how I could study this topic more!

Are there courses or areas of study that are a natural "sequel" to this course? In academia, what sorts of issues are being researched in machine learning?

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[Ozan Çağlayan](#) · 6 days ago 🗨️

Hi,

I enjoyed it too and found out that the "deep learning" topic is really a growing and interesting topic. Here are some resources, links, etc that you may be interested:

MOOC courses to be followed (still accessible to materials):

<https://www.coursera.org/course/pgm> (Probabilistic Graphical Models - Daphne Koeller)

<https://www.coursera.org/course/neuralnets> (Neural Networks for Machine Learning - Geoff Hinton)

<https://class.coursera.org/machlearning-001/lecture> (Machine Learning - Pedro Domingos)

<https://www.udacity.com/course/ud675> (There are 3 separate courses by Georgia Tech namely Supervised learning, unsupervised learning and reinforcement learning)

Papers:

<http://homes.cs.washington.edu/~pedrod/papers/cacm12.pdf> (A few useful things to know about machine learning)

Other stuff:

<http://deeplearning.net/>

<http://www.cs.toronto.edu/~rsalakhu/isbi.html>

<http://deeplearning.net/software/theano/> (Python software for ML)

<http://caffe.berkeleyvision.org/> (Deep Learning framework)

<http://deeplearning.cs.toronto.edu/> (An online demo classifier for Toronto's deep learning net)
[Very good repository at Un. of California Irvine](#) (ML dataset repository)

Google+ Communities (Awesome!):

<https://plus.google.com/communities/107785538899595981479> (Machine Learning)

<https://plus.google.com/communities/112866381580457264725> (Deep Learning)

Online competitions about ML problems (really nice):

<http://www.kaggle.com>

Some useful resources regarding ML:

https://share.coursera.org/wiki/index.php/ML:Useful_Resources

<http://www.csd.uwo.ca/faculty/olga/Courses//Fall2013//CS9840/index.html> (Machine Learning for Computer Vision Course)

Some videos:

[Andrew Ng: Deep Learning, Self-Taught Learning and Unsupervised Feature Learning](#)

[Geoff Hinton - Recent Developments in Deep Learning](#)

http://videlectures.net/Top/Computer_Science/Machine_Learning/

https://www.youtube.com/playlist?list=PLZSO_6-bSqHQCiyxE3ycGLXHMjK3XV7Iz (Machine Learning Summer School 2014 Videos - CMU)

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[Omkar Shinde](#) · 11 hours ago

Thanks for the links Ozan! Really useful...

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[Onwumere Okechukwu Bright](#) · 3 hours ago

Please does any one have any ideas as to when the course would be offered again. I would love to know about Machine Learning.

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[Justin Chen](#) · 2 hours ago

According to Stanford Online, this course will be offered again starting September 22, 2014.

<http://online.stanford.edu/course/machine-learning-1>

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[Kieran I Moore](#) · 3 hours ago

They might have mentioned the Computational Neuroscience course <https://www.coursera.org/course/compneuro>. The lecturer Rajesh Rao is doing interesting research.

Also Artificial Intelligence Planning <https://www.coursera.org/course/aiplan> Edinburgh is another good course in a slightly different area.

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