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Help

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Kenneth Tay · 6 days ago %

I've enjoyed the machine learning material very much and now that the course i 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://videolectures.net/Top/Computer_Science/Machine_Learning/
https://www.youtube.com/playlist?list=PLZSO_6-bSqHQCIYxE3ycGLXHMjK3XV7lz (Machine Learning
Summer School 2014 Videos - CMU)

Omkar Shinde 11 hours ago %

Thanks for the links Ozan! Really useful...

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.



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

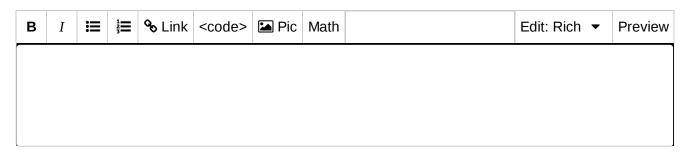
Neuroscience course https://www.coursera.org/course/compneuro. The lecturer Rajesh Rao is doing interesting research.

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

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