Additional Resources for Session 11

The following are a few Reference Material Links that will help you get more idea about the topics that are going to be discussed:

Challenges in back propagation
https://towardsdatascience.com/the-problem-with-back-propagation-13aa84aabd71

https://www.reddit.com/r/MachineLearning/comments/70tz1n/discussion_what_are_the_problems_of_the/

Dropout
https://medium.com/@amarbudhiraja/https-medium-com-amarbudhiraja-learning-less-to-learn-better-dropout-in-deep-machine-learning-74334da4bfc5

https://machinelearningmastery.com/dropout-regularization-deep-learning-models-keras/

https://www.cs.toronto.edu/~hinton/absps/JMLRdropout.pdf

Optimization algorithms
https://towardsdatascience.com/types-of-optimization-algorithms-used-in-neural-networks-and-ways-to-optimize-gradient-95ae5d39529f

https://www.quora.com/What-are-the-most-important-optimization-algorithms-that-are-used-in-the-fields-of-machine-learning-and-neural-networks?utm_medium=organic&utm_source=google_rich_qa&utm_campaign=google_rich_qa

https://icml.cc/2016/tutorials/part-2.pdf

http://helper.ipam.ucla.edu/publications/elws1/elws1_13686.pdf

GPU vs CPU
https://blogs.nvidia.com/blog/2009/12/16/whats-the-difference-between-a-cpu-and-a-gpu/

http://www.differencebetween.info/difference-between-cpu-and-gpu

https://superuser.com/questions/308771/why-are-we-still-using-cpus-instead-of-gpus