Week 3-1 Hyperparameter Tuning

笔记本: DL 2 - Deep NN Hyperparameter Tuning, Regularization & Optimization
创建时间: 2021/1/9 13:41 **更新时间:** 2021/1/9 13:56

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learning rate
> momentum & mini-batch size & hidden units
> layers & learning rate decay

seldom tunes Adam parameter

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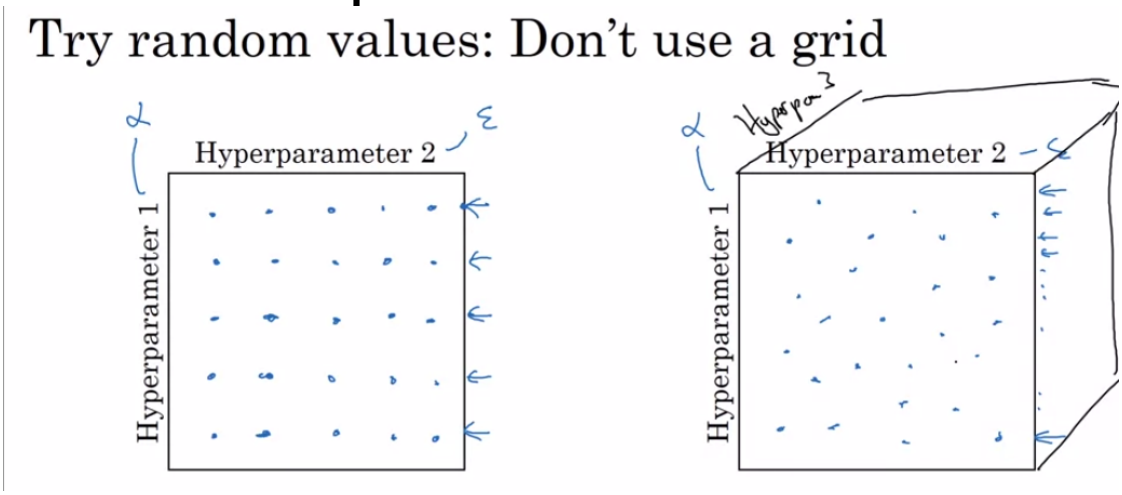
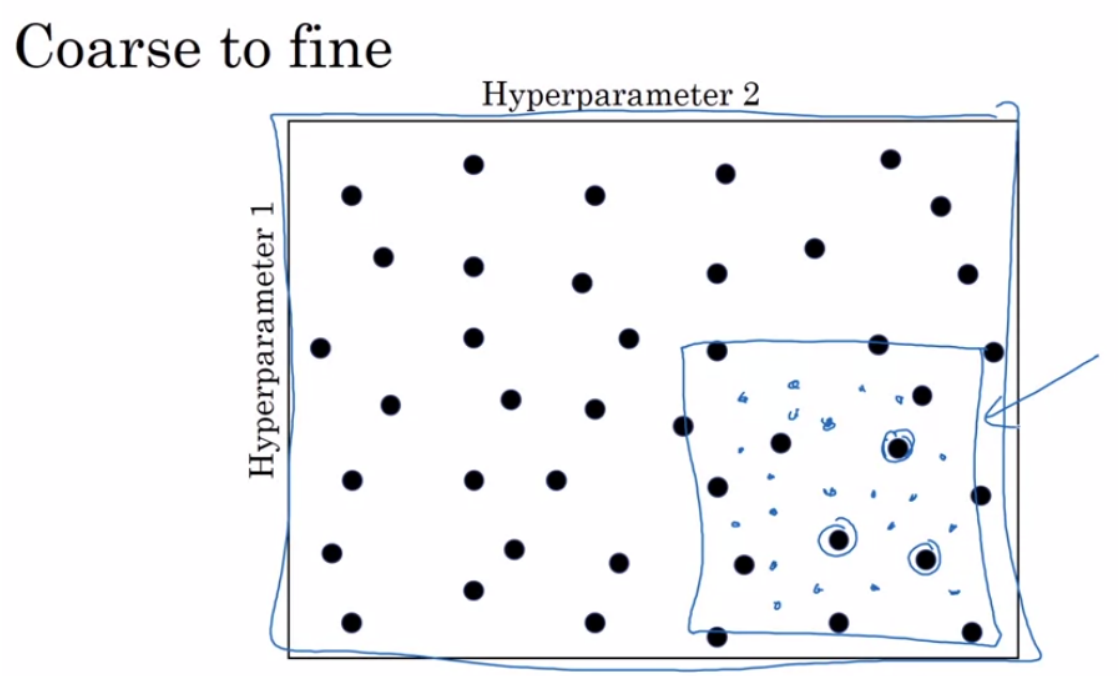
random -> able to try 25 different values of alpha



you are more richly exploring set of possible values for the most

important hyperparameters, whatever they turn out to be.

Coarse



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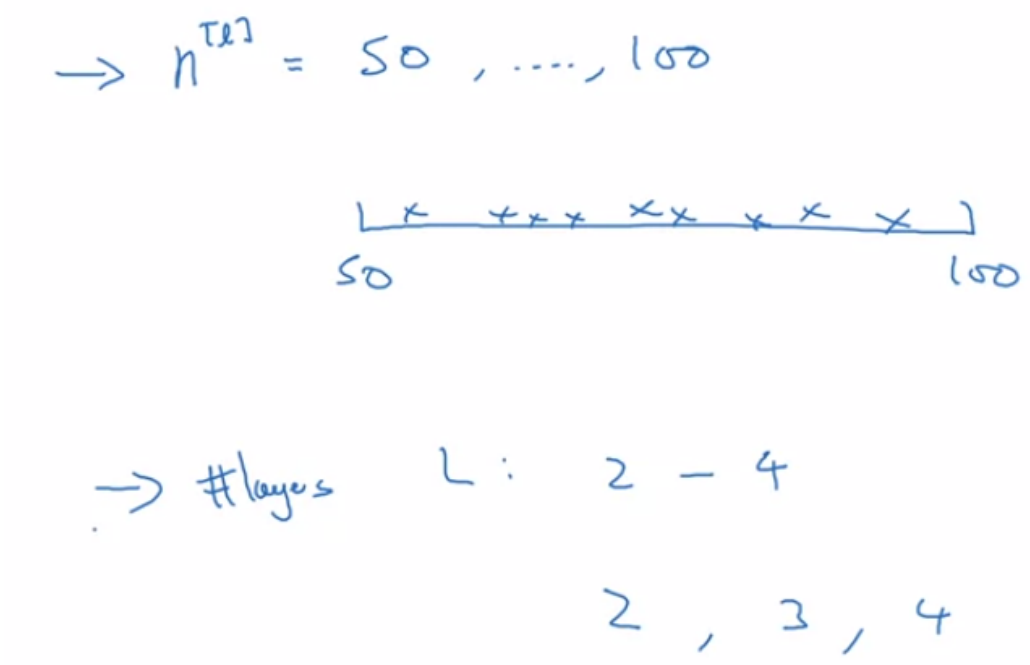
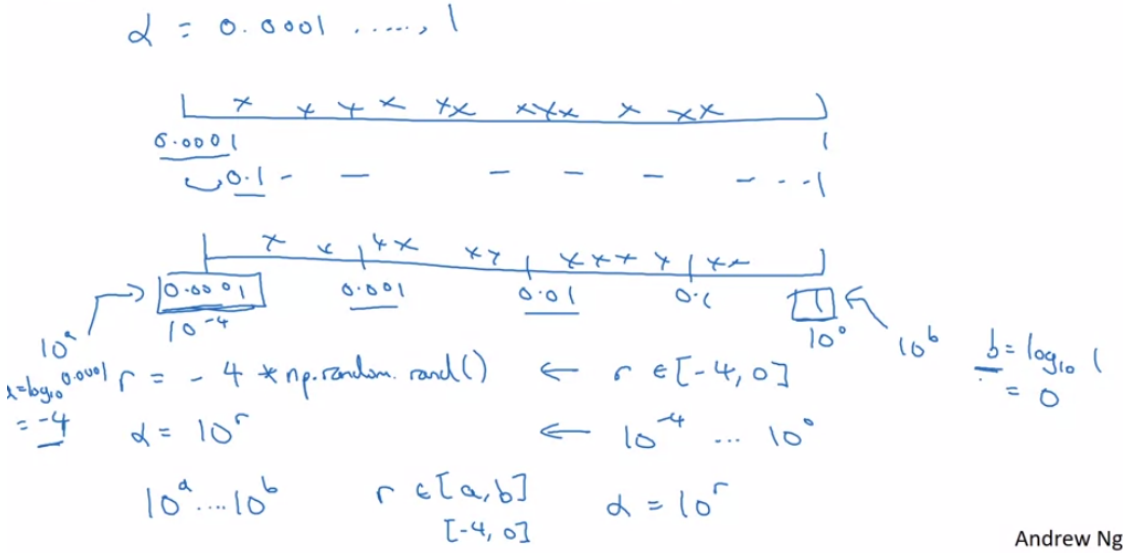
appropriate scale for hyperpara



linear for these are fine

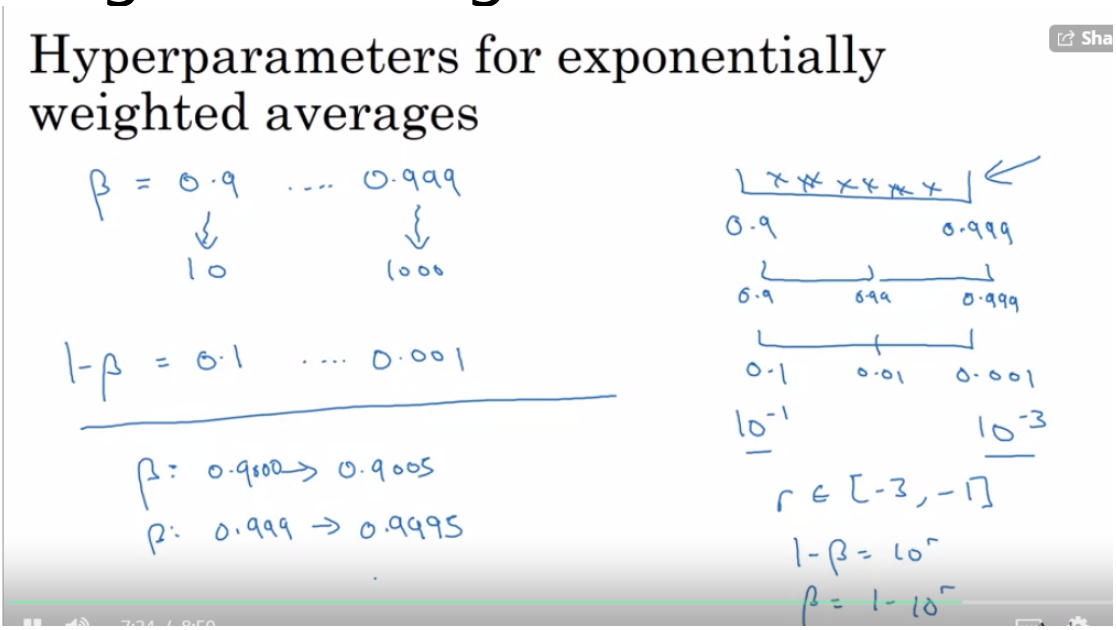
Appropriate scale for hyperparameters



Andrew Ng

linear scale will focus 90% on 0.1 - 1, use log scale

hyperpara for exponentially weighted averages



Pandas vs. Cavair (computational resources)