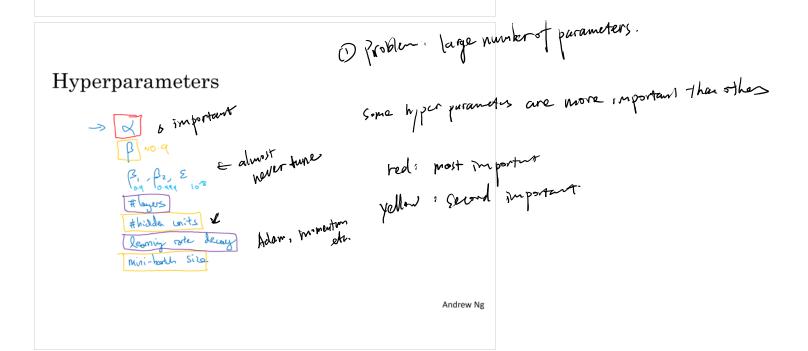
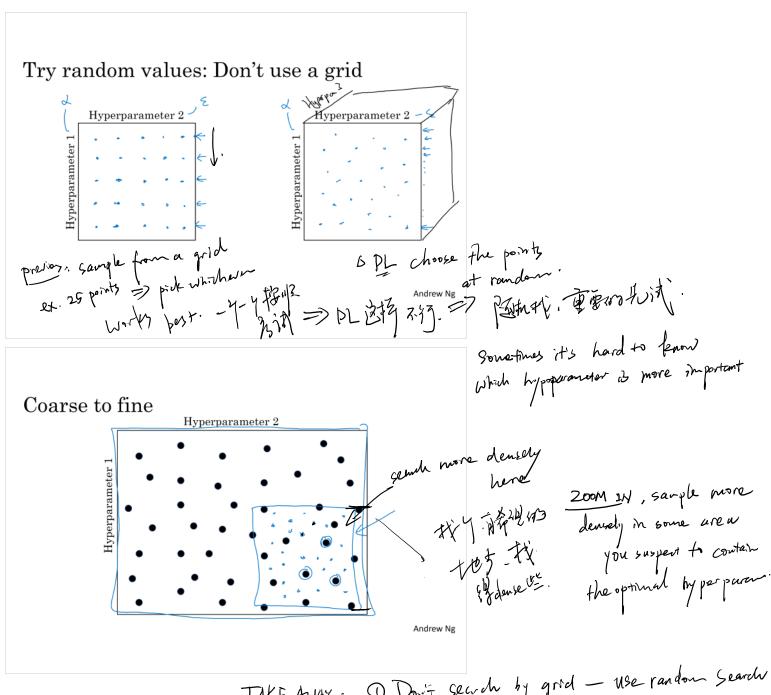
tuning1



Hyperparameter tuning

Tuning process





TAKE AWAY: 1) Doi't search by good - use random Search

(3) Coarsed define searching

tuning2



Hyperparameter tuning

Using an appropriate scale to pick hyperparameters

Not searching randowly uniformly

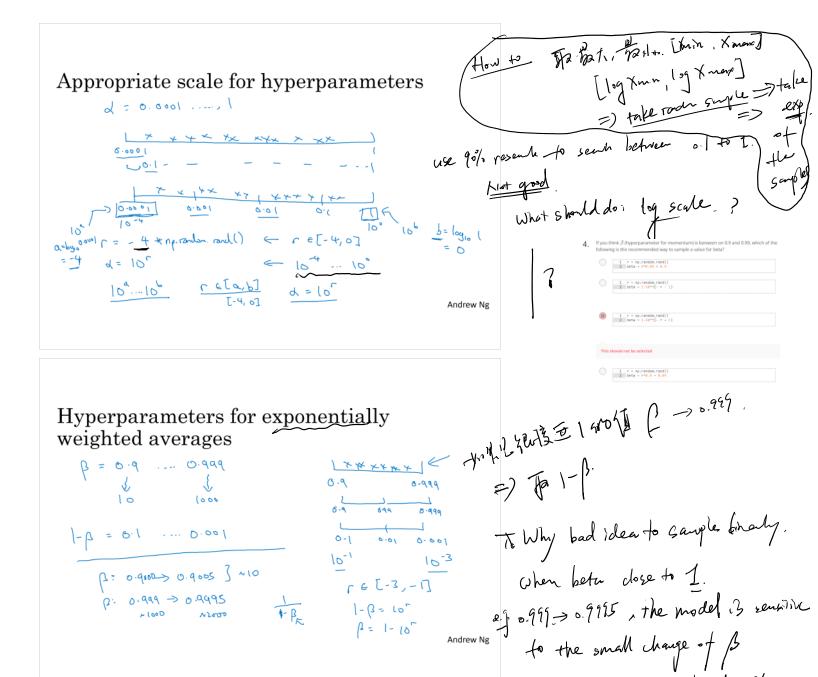
Pick the scale!

Picking hyperparameters at random

$$\rightarrow$$
 #layes $L: 2-4$ $2,3,4$

Gale easier to chorse by perparan

Andrew N



>> So. we want to sample densely

for & close to I because in that area, Small Branches big defference

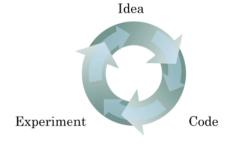
tuning3



Hyperparameters tuning

Hyperparameters tuning in practice: Pandas vs. Caviar

Re-test hyperparameters occasionally



- NLP, Vision, Speech, Ads, logistics,
- Intuitions do get stale. Re-evaluate occasionally.

· People from different domains read works of those from other domains.

· Modely developed in one domain work in other domains.

Andrew Ng

