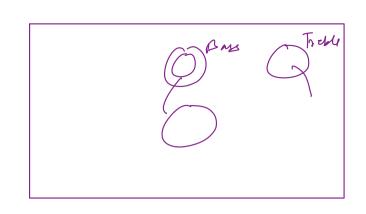
How to increase NN performance 1) increase the no of epochs 2) Regularization 3) Deeper NW 4) Batch mormalization 5) Leaving Rate 3 6) Drop out amosing optimises

orthog analization



Deep Network

Deep Network / {
Deep N

(4) Mora Mal

validation amorary? Desport 2) fegularization Rath Normalization Simpler Diverse traing sample tust accuracy is bad - Divase - Blager validation Set.

I why getting more data should mot be your first choice? This Consuig hard to get ure those man hyperparameters notice designing your NN. (3) empernire What Batch Size L GD with (momentu

No. of layer V - No. of nuros. Droup out Ration Tung order of hyperparameters. 2) BV wood, dearing rate delay epoch How to find the value of hyperparameter. Crid Searcy -> All combination - Computationally Empursive 98, RS - ([4,5,6,7]) Discrede search

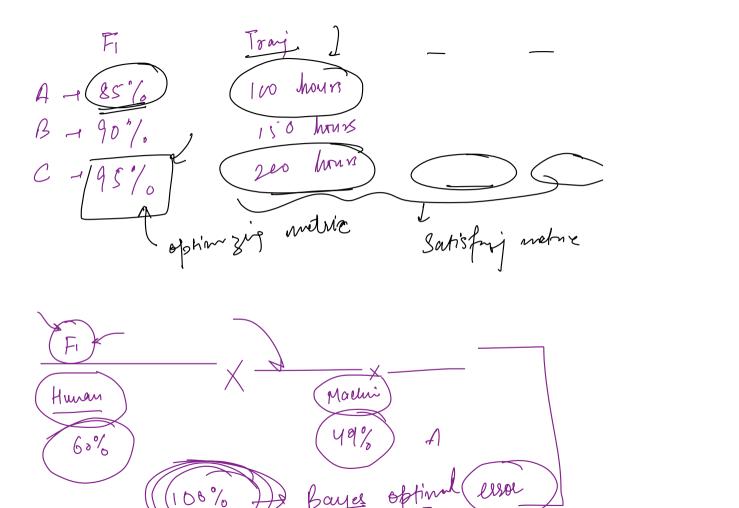
dr= 0.01,0.03,0.04

0.01 X 5002 most valuable

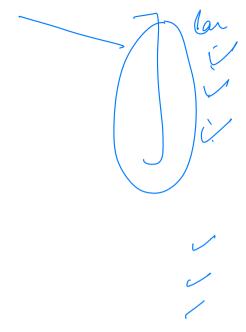
0003

Bayesian Sprimization.
Bayesian

Use drop out / Use a unplex middle Increase LR



+ Model pred thur pred featur engineerij aninal



Multi task lung

