

Batch Noomalization - It is used to speed up Newal network training the activation vectors from hidden noomalizes layer using mean and variance of current batch Example: We normalize the input ZIX2 (It's normal (ave) but In Batch normalization process we also normalize the [au, au]. Concept: input (α_1) Section 1 Input Section 1 las xutas individual neural network Socham, Section 1 ko first layer to node) ley input and and and linxa. and and and values after one batch of training Change vairaking da yesko distribution ne change hunxa kina vane Euta batch ko training vaye pari weight update hunza. all ra que (w, we, w, w, hag harek batch ko training depend ra ra Verye pari (w, w, w, re w,) pani change hunx a ko nodes ley different so, sedion 1 Input linea Table training distribution Stable hunna ra model ley na chani kura pani learn garxa ra slow hunza su, we we contept of batch normalization. Juba an ra 912 normalize hunra yesko valve between 0 and 1 to bange ma hunka SU, Section 1 ko layer node) lep styble dala parran ra training faster hunra. [Internal warunte shift- change of distribution of activation due to change of network parameters

diring training J



