Anul Transfer learning - This technique is introduced to like in Alex Net trackers me banically freeze some longs to avoid processing again As the murber of parameters in creased our remains by a single machine I we need to go with substituted baloa poblem Shiputing to solve this this this will occur muse cost which uterration also increased which is not early house Cours a lot of proflem of one fitting padient.

Capterion, Varishing gradient come ous en huge data

Limitation of resources will come ous en huge data pounce can not be country train formbur local the training palamoters, as if it in cheases than it Because in many models we are tought no to reduced as Alex NC+ hors 60M parameters VGG has - 138M parameter

Aus Analdary Branches - These are barrially used add som departation problem for Variability gradient & gradient This is vixeled to remove problems like Netrosek choch complety branches to our network and thethere to assist in branches are used to calculate loss we get affect the training. Deserbabilisasion main franchon of time

Dimension Reduction . It is used to reduce the dimensionality of me input data or feature maps, trus neeps in performance improvement as less resources being used since redundant information is Removed. In CONN if we used small size filter with less channels this helps in the reduction of parameters are these less resources being used Reduction Block - It is used to Reduce the size before wing Odductob stock we can use max poeling we can used reduction Block to xauce size. Poller count 343 Conv Strice 2 3×3 contr Brode=2 Maxpooling 8tndez2 3×3 Conv Gire concat IX | Conv This is Reduction block.