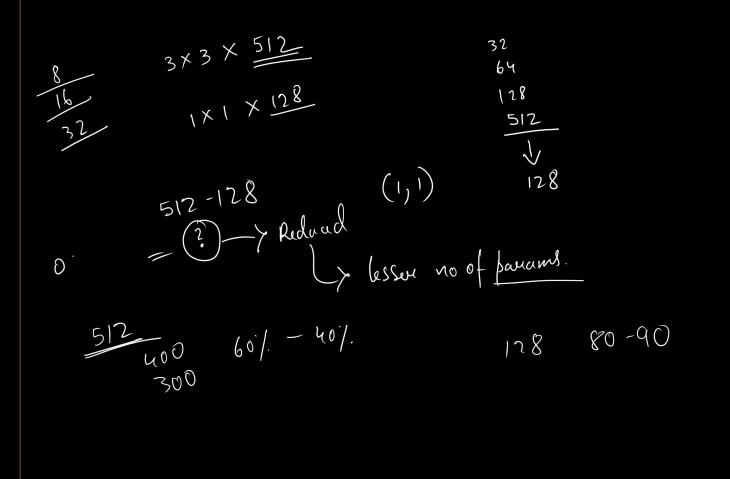
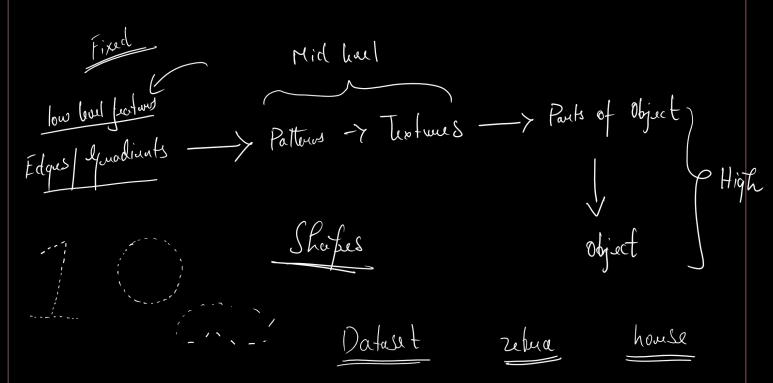
Agenda	
) Valu	
2) Transfer Learn	224×224 × 64
	MP 112 × 112 × 64
) Le Net	(on 112 ×112 × (128) Kunds
2) Alex Net GZF Net Je *	224 × 224
Valu	STX79 IXI
5x5 (0~) { 3x3 (0~) }	
	(on (1)1)
Blocks Transition	Size Reduction
Conv	Tuans
B (onu (3,3) (onu (5,5)	(onv(')') MP
B (onv (3,3) (onv (3,3) (onv (3,3)	
Variants of Truens Blocks	MP 7 Towns 3) ((1,1) The C(1,1) The C(1,1) The
((1)1) (p (mont) 2)	MP glows MP plus
MP	C (3,×3 (0~ C (1,1))
(3,3)	





No fixing of Munery Duopont Generalization Random Shuffle Poww learning Regularization Dropout Com (or 10% Accord) 1) Duopont 2) Data Aug Newral Wetwood

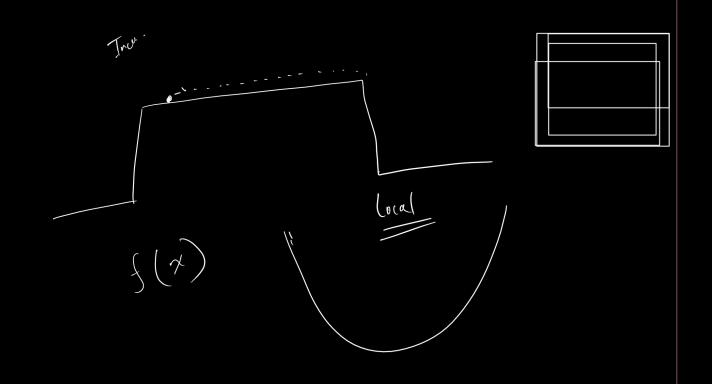
Tuain LOSS: - \$ 0.79 \ GIAN \ 837 421789.71

Competitors Wetwork 001 X 0.001 X ABLDEF 0.01 Lewing Rate SUD Min AdamX offiniture -Last SUD X we ned jurpose the www Rati 0.01 001 . 000 .00001 LR Schodalu if whochs ≥ 20 then use LR (0.01

Collbacks

if sport 250 LR (0.001) if spoch > 100 [R (0.0001)

Changing Your Input difficult Jakiatins. Data Auch Denual Image Pucaesing Pul Quatine 70 m



Tuansful Learnings

Not start from screatch

Why?

Time Takings

Scountry track

Models to be generated faster

Similar of data Whights Horrie Zebra -> Low live Features (z -> low) Use (ase Quivins -> miel lese Featurs MI 1) Generic Network Frozen vrights -> mid 2) Use- (all Skerific New weights + Old weights

Final Model (5 Sums Canwal lells model. Sunary low + mid moch tea fues -> 2 (on) thigh Luel ->1 (on V

Biggur Dateut 1000 classas 1000 diffunt channel Palar Submissing 1000 0000 Tuans for learning e Time 1 Guy in lompany having 7+ exp Other guey with I year up Information Retain From Juy Same Task Jun Juy 50% -60% Faster & Belly Efficiency

Scratch

FREEZE

Cast conv layou

Jast 2 con layou

Jast 3 con layou

Cast on layou

Jast 3 con layou

Castom Dataset

TRAIN

CHASSIFY

Change the no of class

Leneuic Puroble m

Pur

Pur Turined Model

Low + Mich

Manually we track to boun high features

Manually we track to boun high

Building Custom Alexant and Tuaining with Custom Data

Data: - minimum 3 classes having 250 images each

750 > twoin

test

2) White the Value Sequential Network by
Yourself
(model = Sequetia)