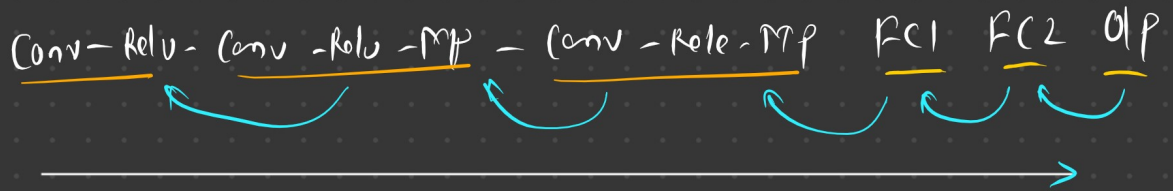
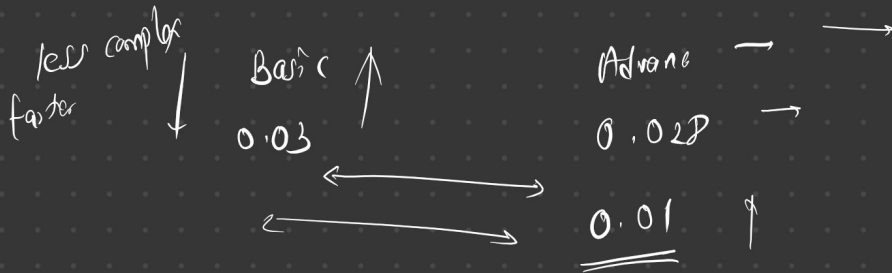
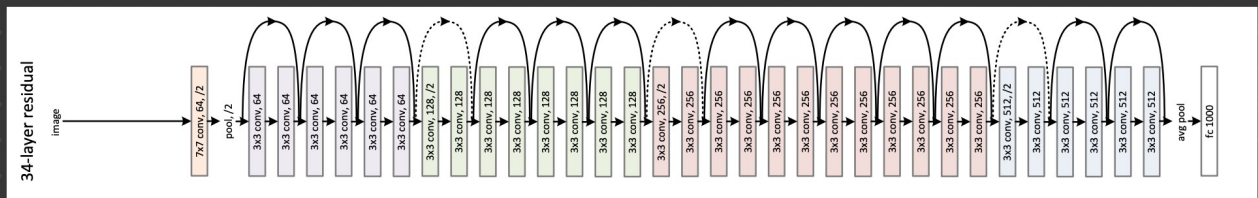


22-12-24

Sequencial:



Functional API

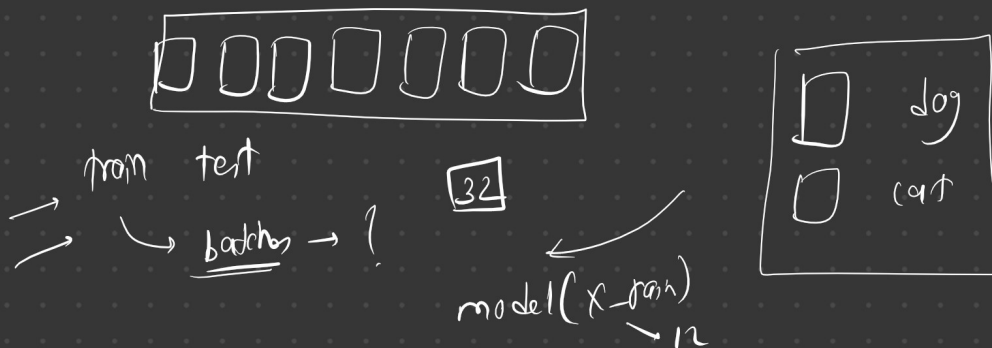


Grid search \rightarrow $\Rightarrow r = [0.01, 0.001]$

\rightarrow batch = [18, 32, 4]

\rightarrow grid bn = 0 = [40, 100, 120]

\rightarrow



problem statement →

1000 image

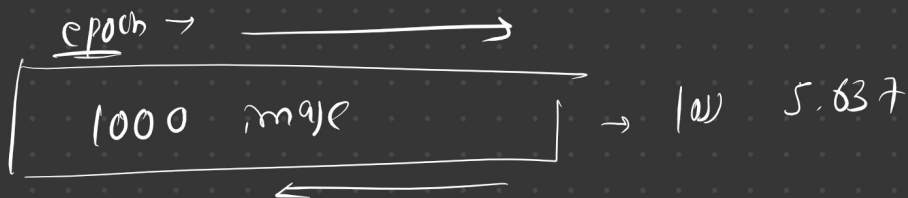
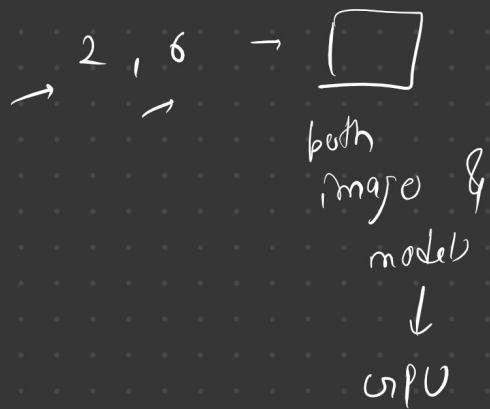
1000 rows → train, test split

→ scaling

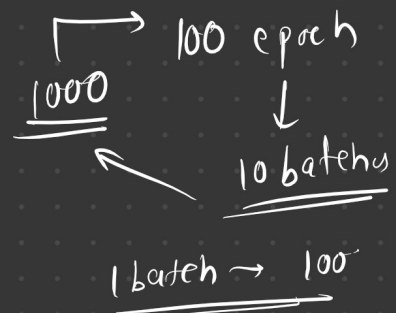
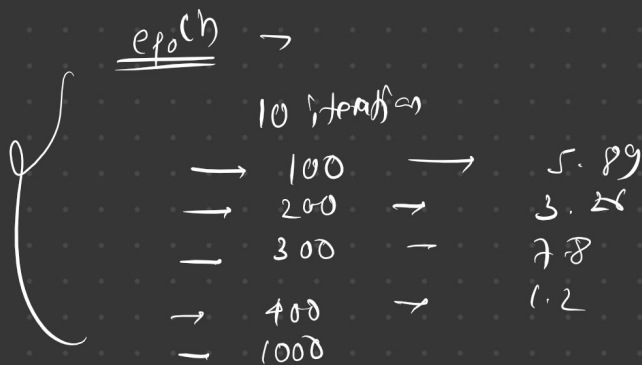
→ Tensors

→ train → model

→ test → model.eval()



1000/100 → 10 batch



100 epoch ⇒ ? iterations

1 epoch → 10
100 epoch → $10 \times 100 = 1000$

Regularized →

1 fp → bp → 1 epoch

10 fp → 10 bp → 1 epoch

more time

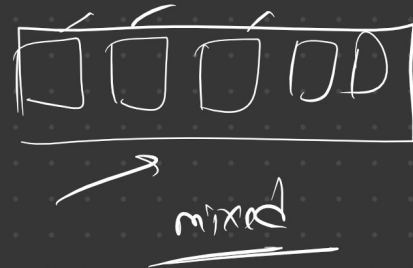
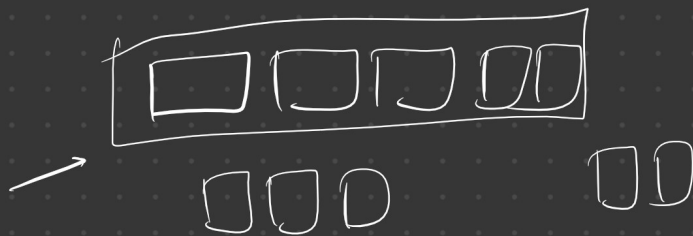
200 → 900



CCTV →

1 day of data → 1 single video → 24 hrs

open → video → home → dataset → 16



ML

Date → week of month
day of week

Mon Tue Wed

Thu Fri M

Mon Tue