

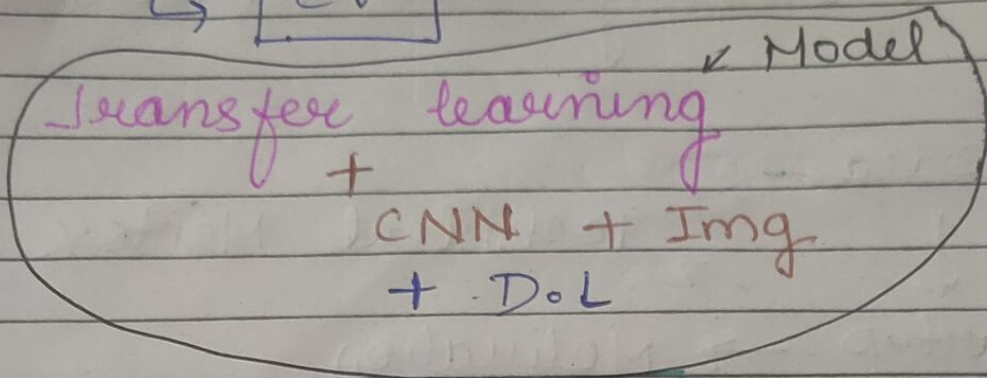
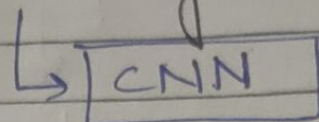
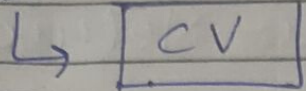
GAN'S INTRODUCTION

By Kanika Sharma

thesocialcomment.com

AI / Deep learning

Adax

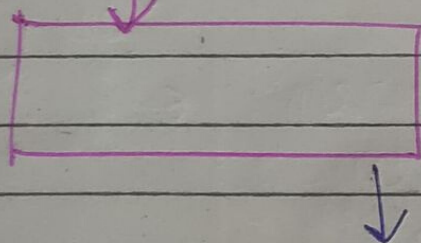


→ GAN'S

see the power of AI/CV/CNN

ART

↳ Drawing / Painting



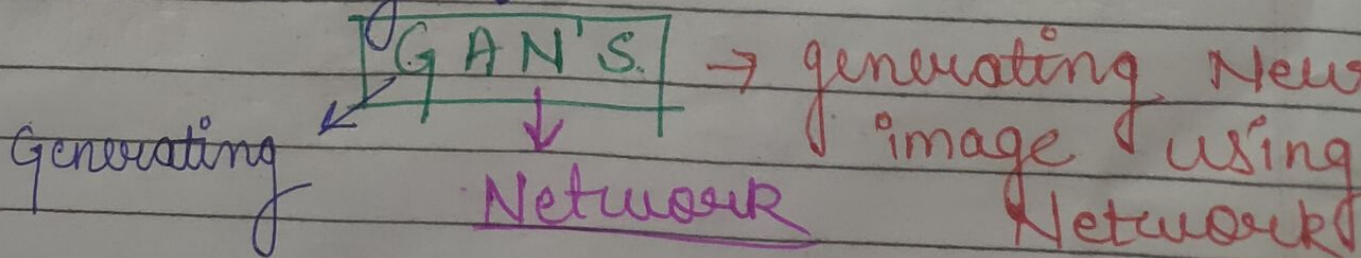
← draw

Computer

Brain

create such things that doesn't exist in real.

→ Interior design ← new designs. can create new designs that doesn't exist using ↓



CNN → Net

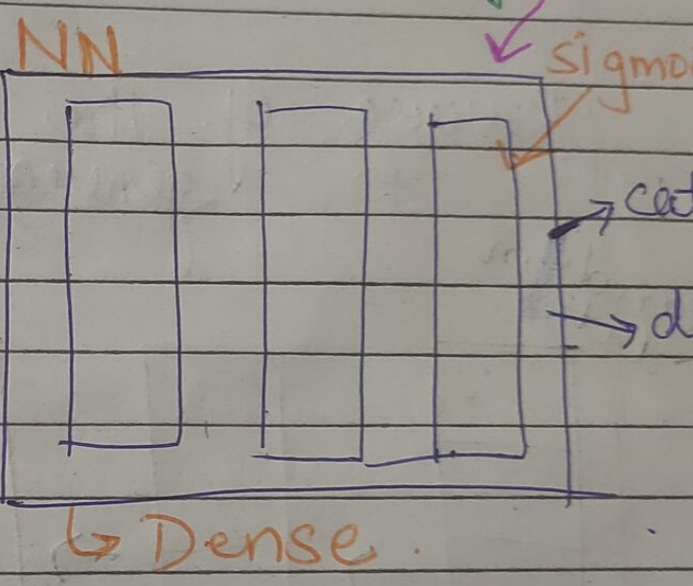
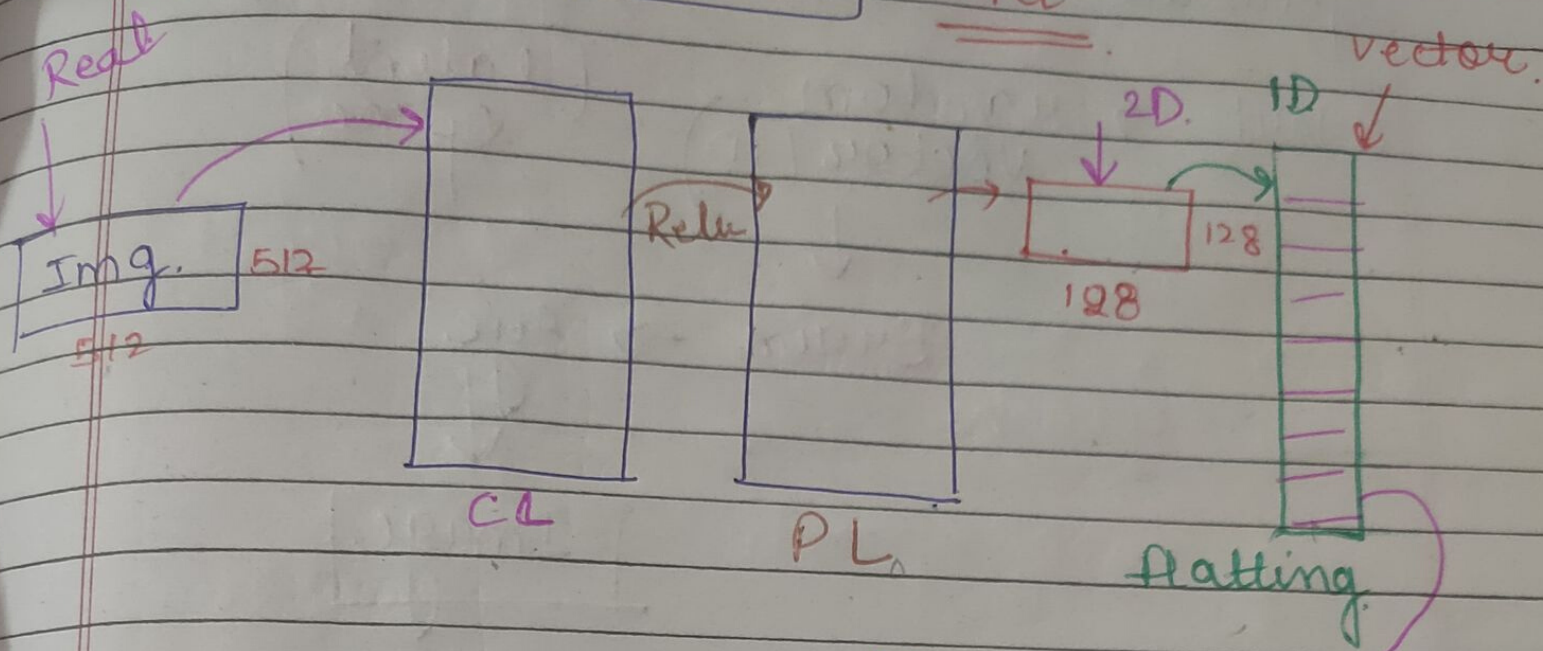
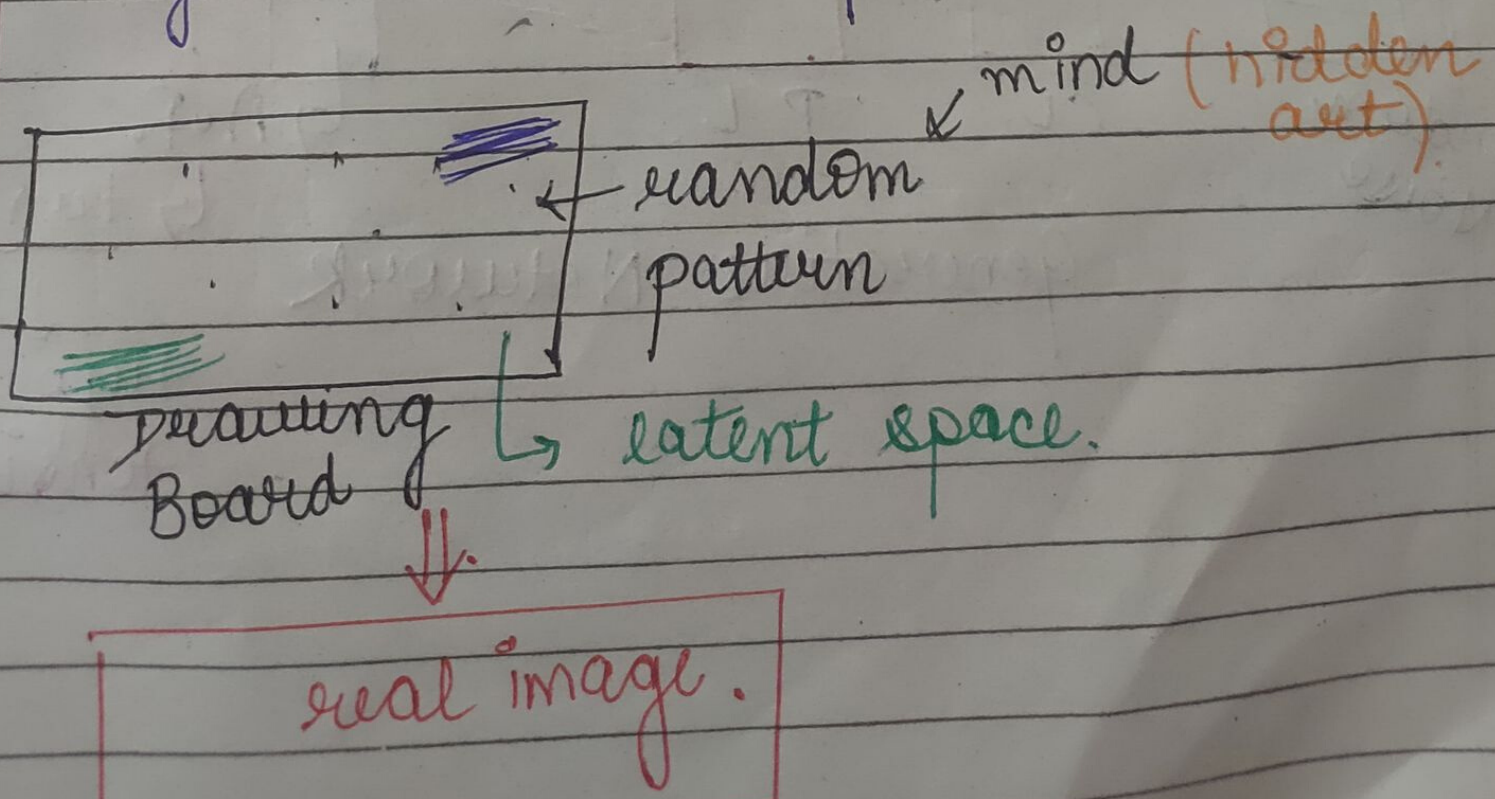
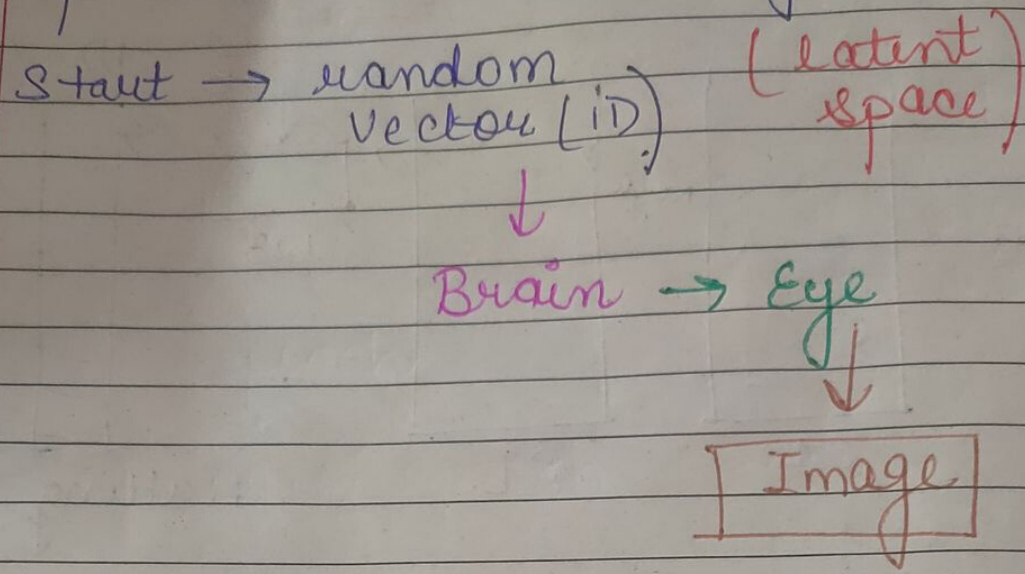


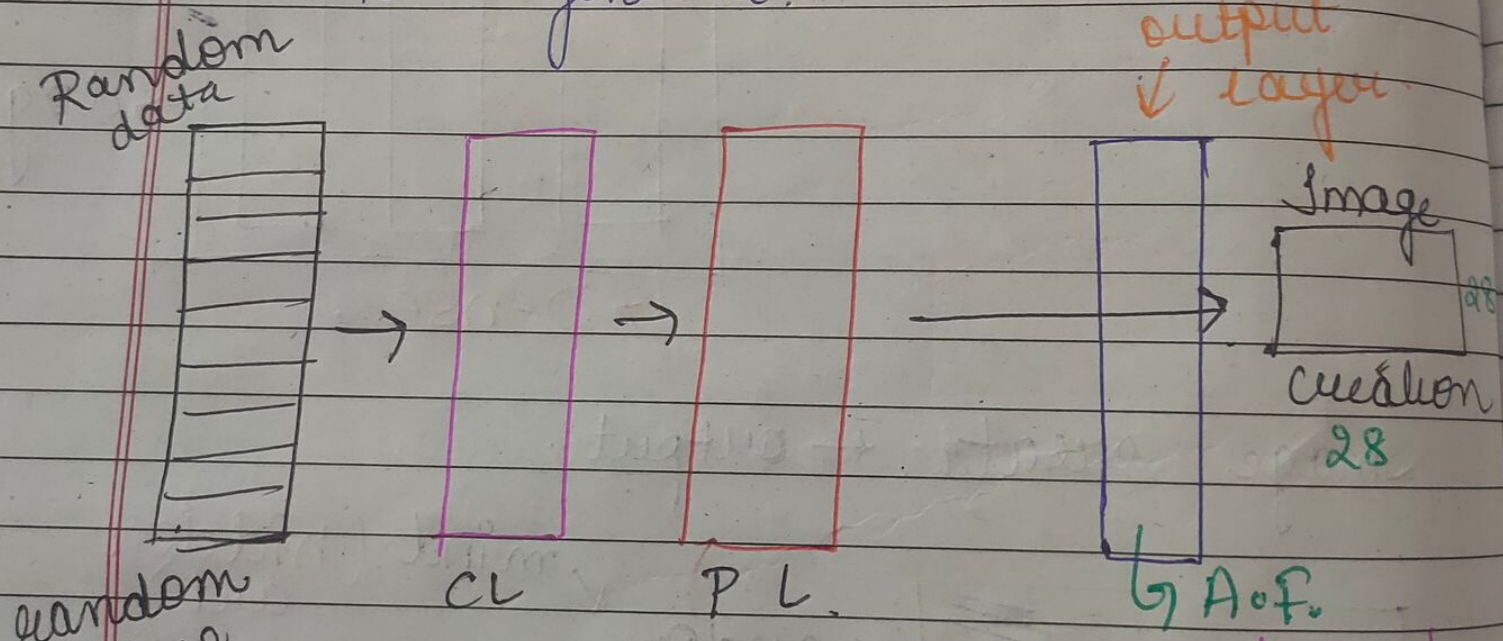
Image create ← output.



Generate a real image. ← Requirement

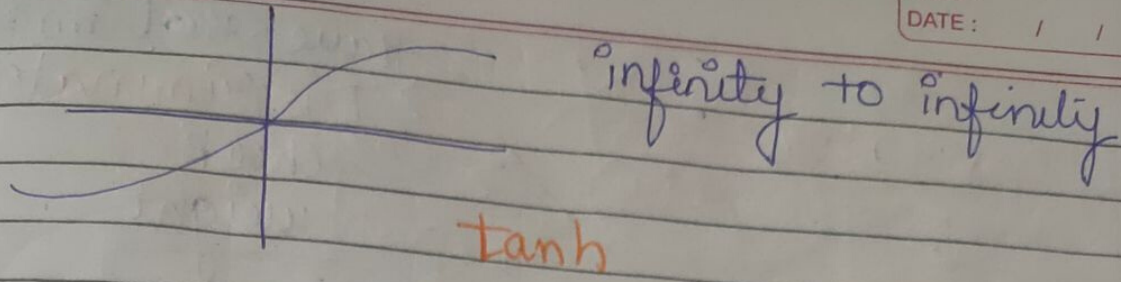


Reverse of the process or Network to generate.



Generative Network

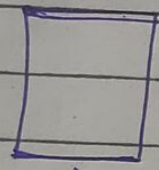
↳ tanh
↓
Hyperbolic tangent



celab. research. google ← python
↑
like anaconda.

→ generator model.

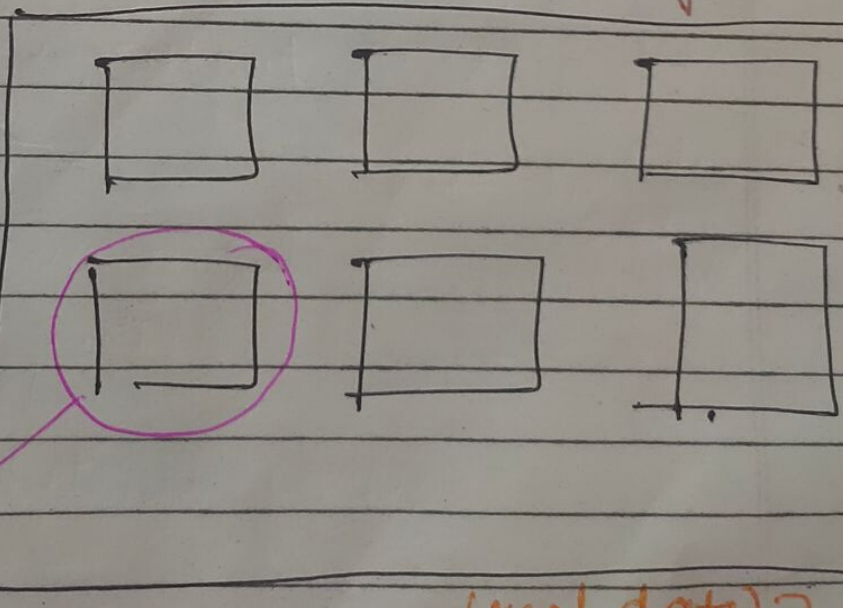
$i = \text{Input}$



Input layer 100

Random images.

(100)
random Data.



Act ← Generator

fake

0 to 100
range

↳ decision

(real data)
← offending
(Discriminator)

(weight)

Generator

↓
create image

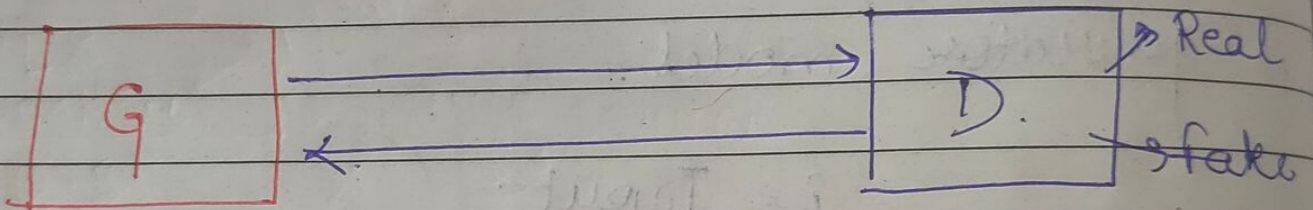
epoch

Have real image?
Discriminator

check weight

if correct |
not |

Doing no. of epoch = 30,000



THANK YOU

**QUESTIONS? COMMENTS?
LET US KNOW!**

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