last time: AR approach (like GPT)

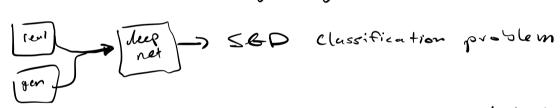
-> think of objects of interest as a Sequence -> sample one at a time, condition on past

GANS -> train a generator and classifier to classify real/falce "discriminator"

bias toward X

discrumtor X — " Geal" " Geal"

How to train discriminator given generator?



-GAN training tends to oscillate -> instable; hard to train la discriminator too good, tiny gradients

La mode collapse: when generation lacks sufficient aliversity

Diffusion Approach

- let's use a denoising autoencolor to de generation

X prise levels loss

- too hard in procetice, doesn't work well

2nd cettern ?: Do many stages of denoising