



Aumentando a resolução de vídeos e fotos com Deep Learning

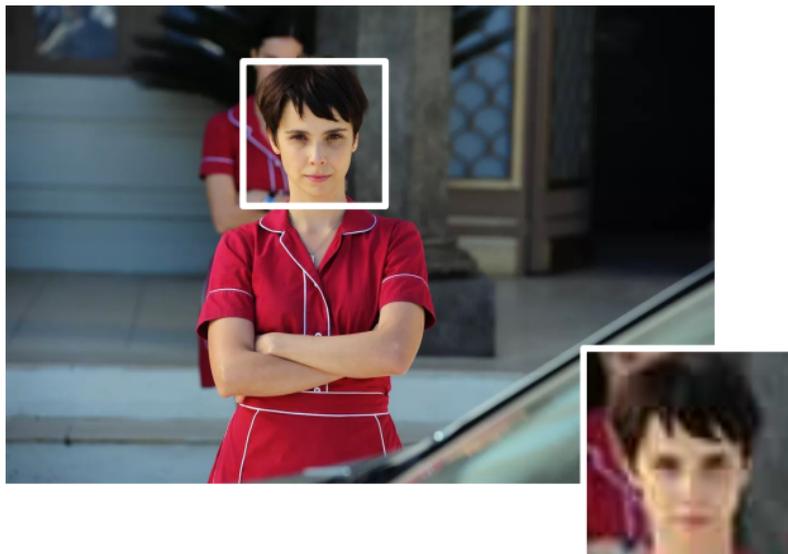


Frederico Caroli

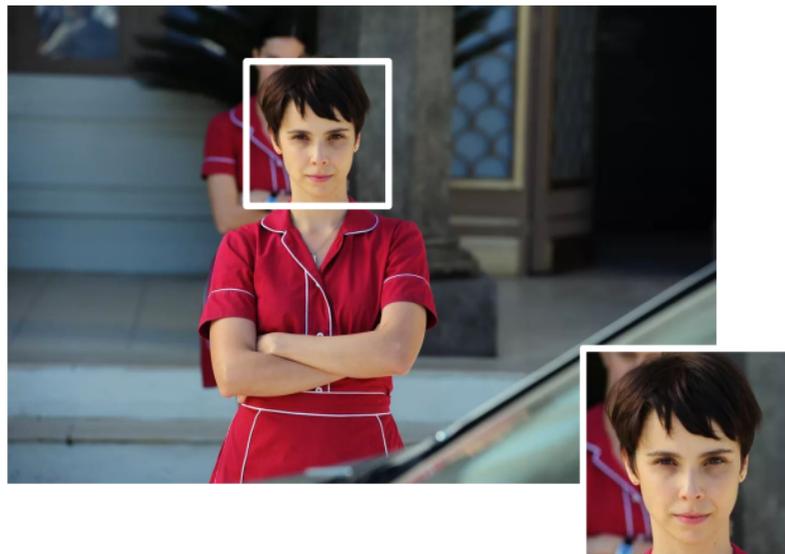


Julia Hosken

Low-res



High-res



1. Aprendizado de Máquina

2. Aprendizado Supervisionado

3. Redes Neurais

4. Generative Adversarial Networks (GAN)



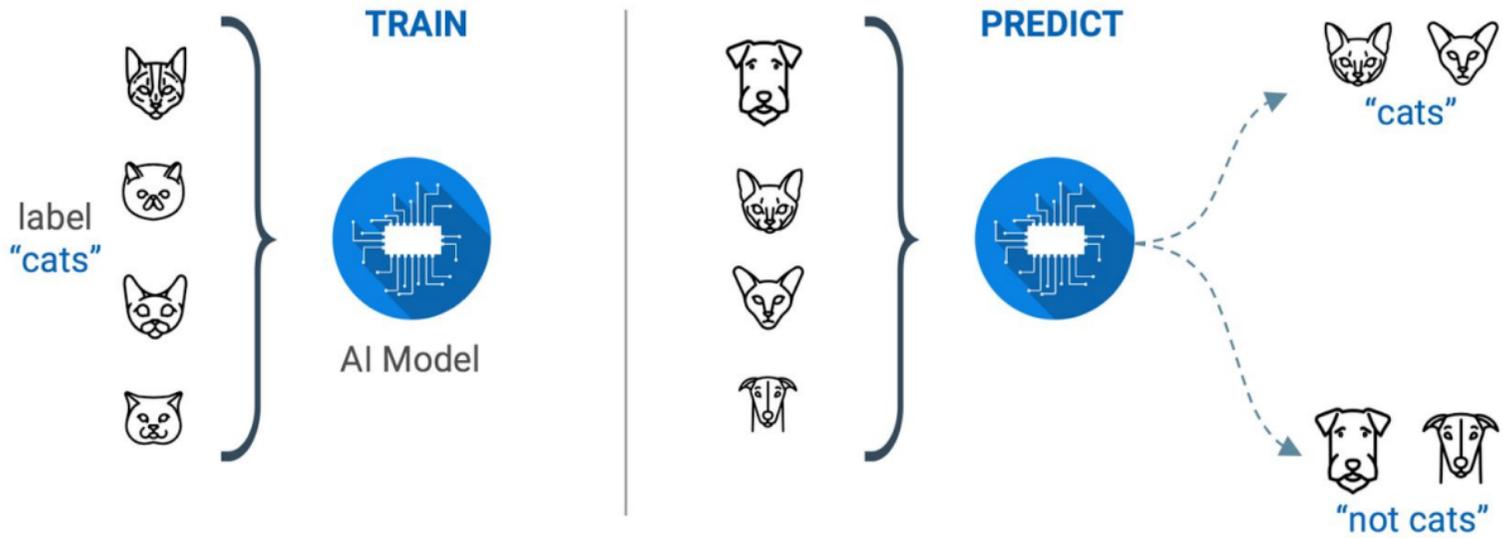
Como você programa um robô para jogar ping-pong?

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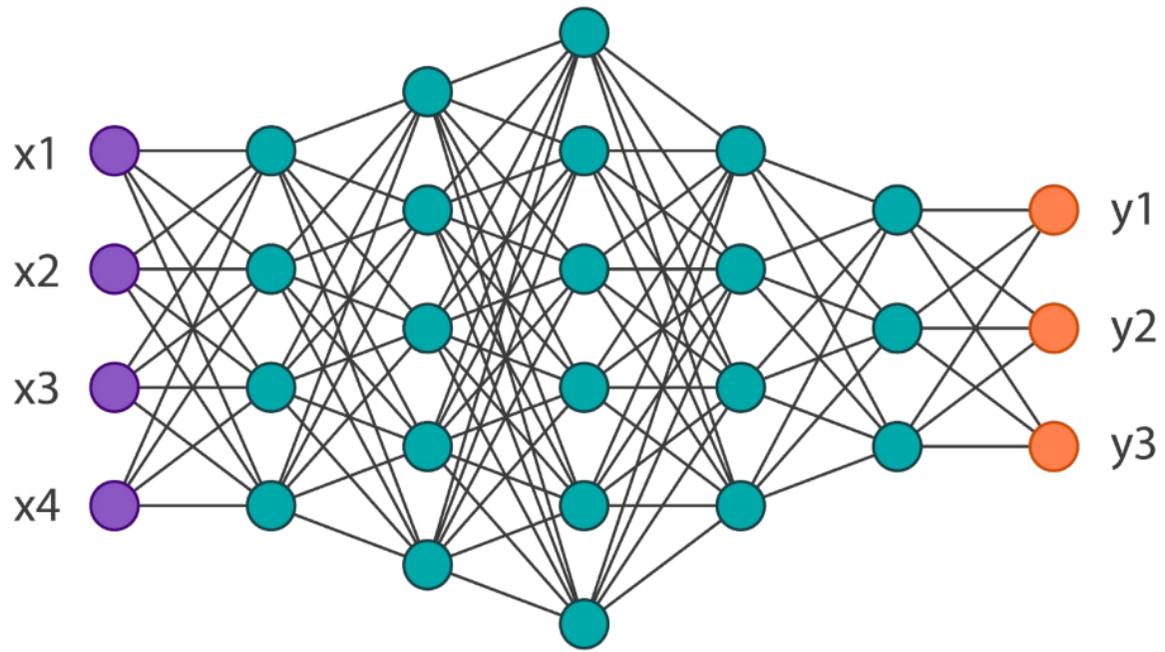


1. Aprendizado de Máquina

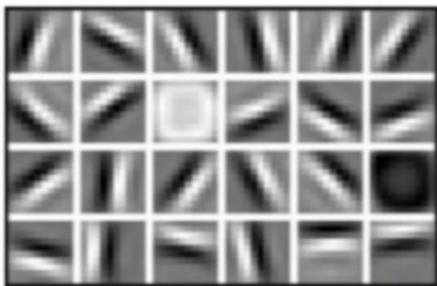
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Low Level Features



Lines & Edges

Mid Level Features



Eyes & Nose & Ears

High Level Features



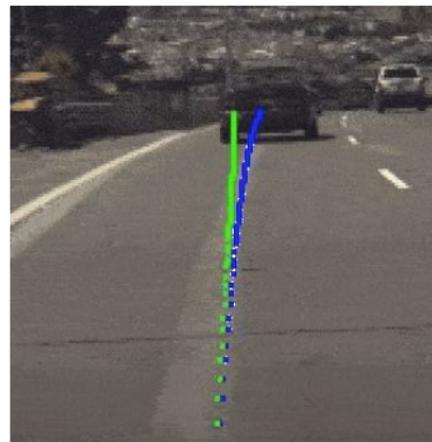
Facial Structure



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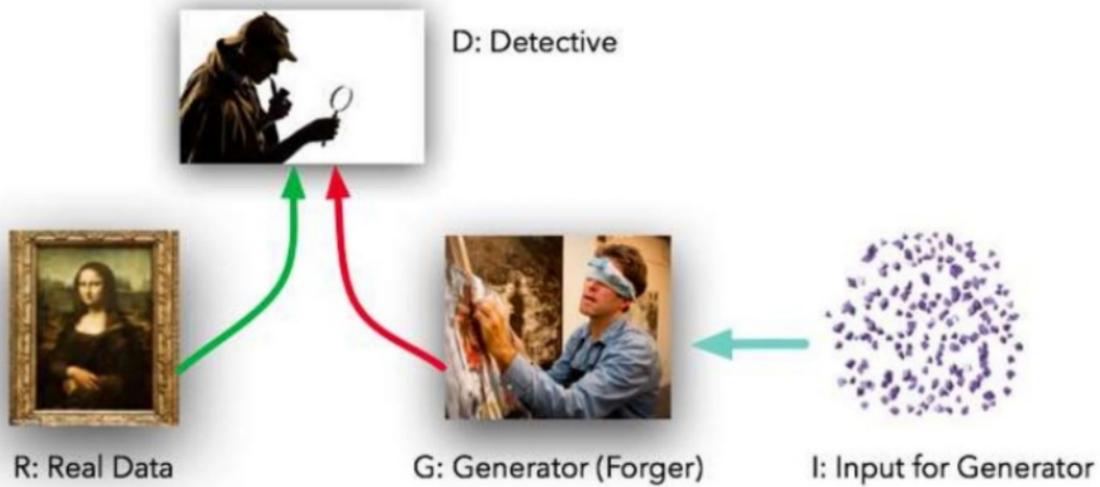
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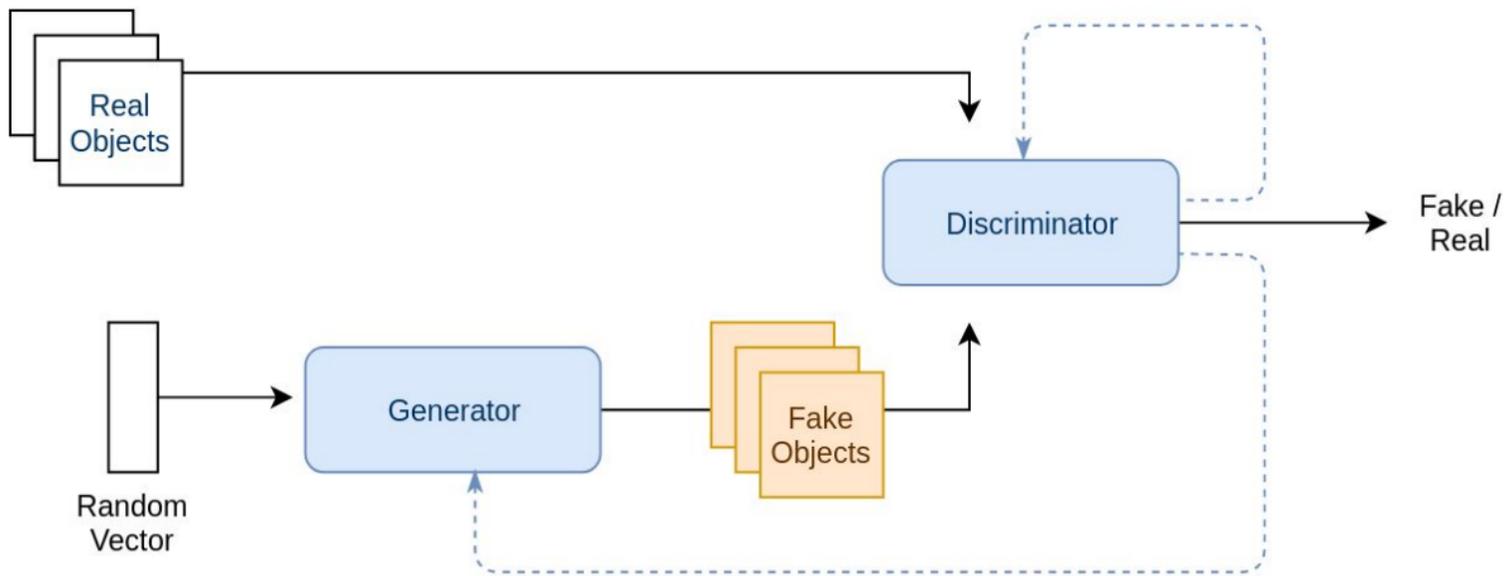
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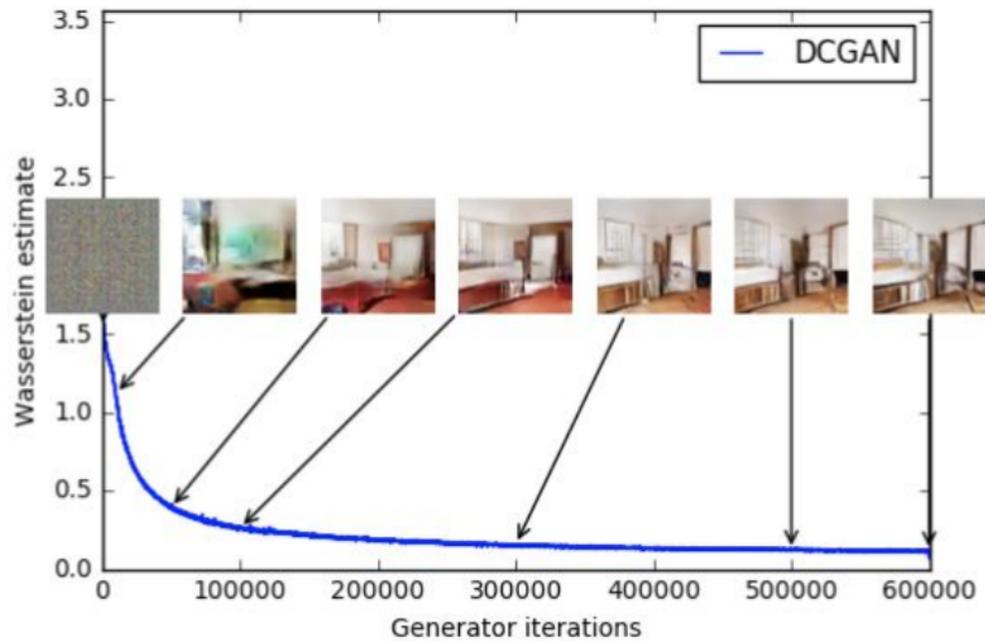
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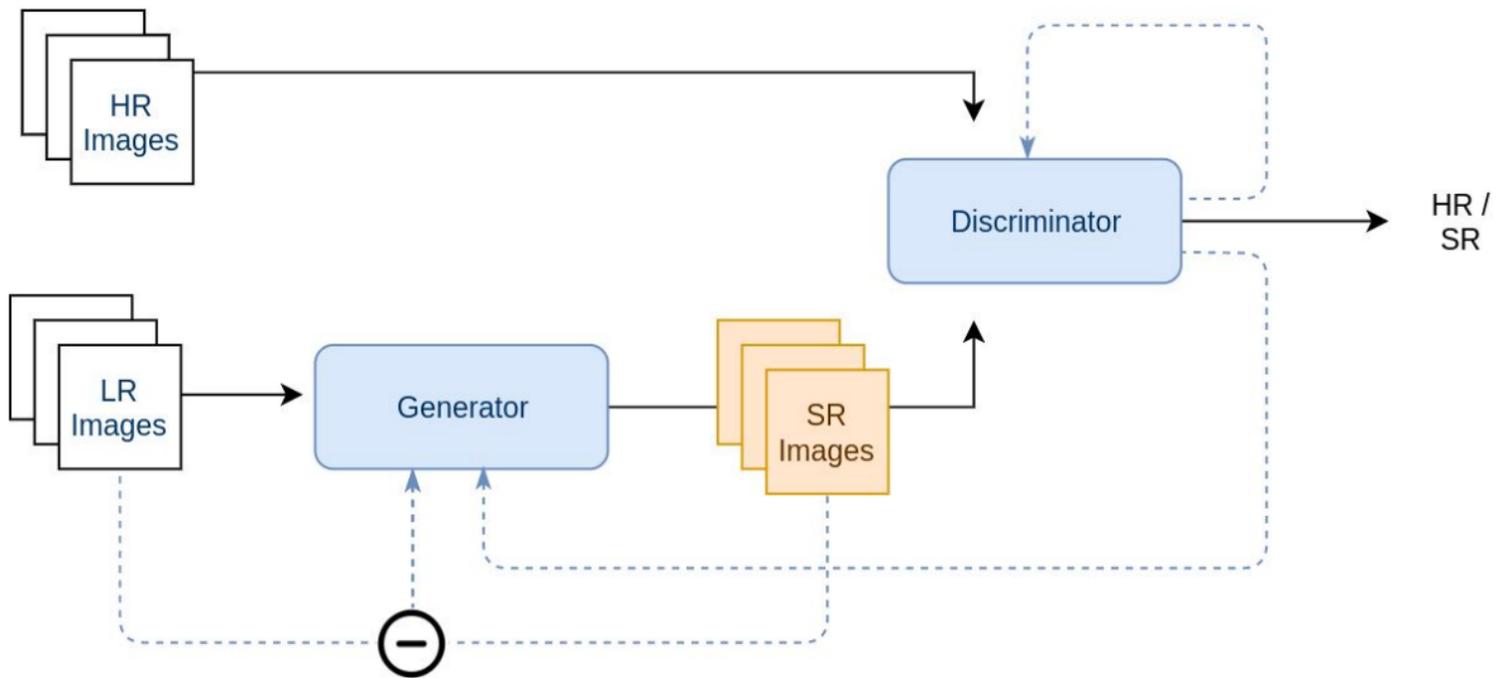
this bird is red with white and has a very short beak





18 Impressive Applications of GANs

bit.ly/moreGANs





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