

# Generate Faces with GAN algorithm



# Agenda

01

## ABOUT THE PROJECT

What is the project idea

02

## THE DATASET

What is the data and where did we get it from

03

## GAN

the gan structure

04

## Result

The gan result

05

## Challenges and Future Work

# ABOUT THIS PROJECT

The goal of this project is to generate fake faces and make it look like real ones that never existed before by feeding the Network with some Noise



# THE DATASET



Human Faces



Anime Faces



Simpsons Faces



generative adversarial networks

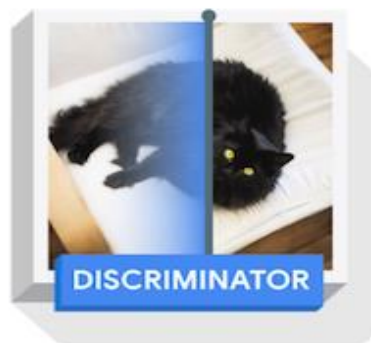
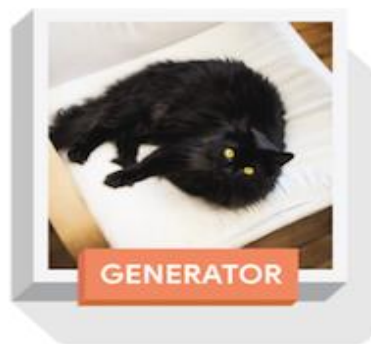
**First  
attempt**



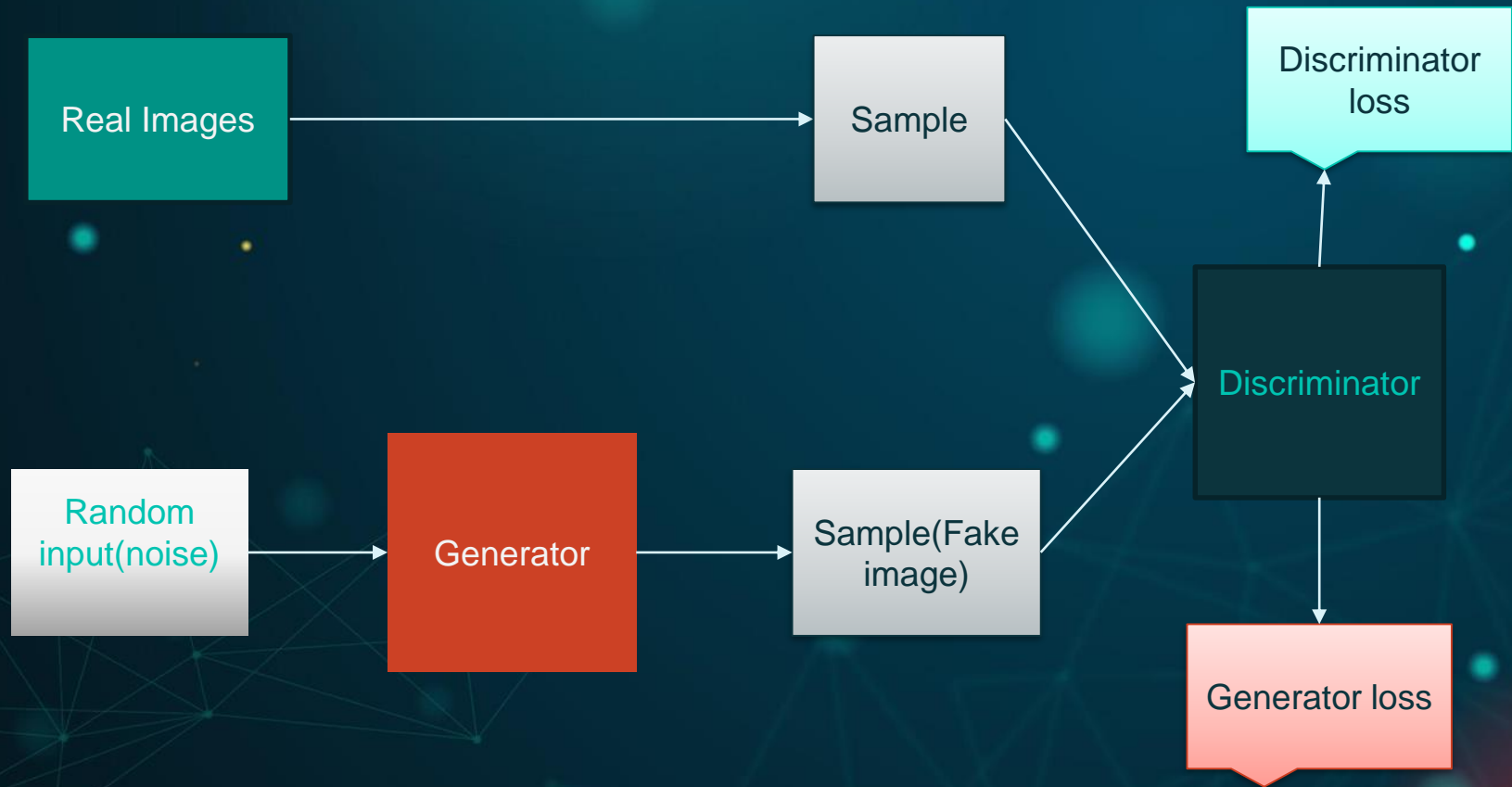
**Many attempts  
later**



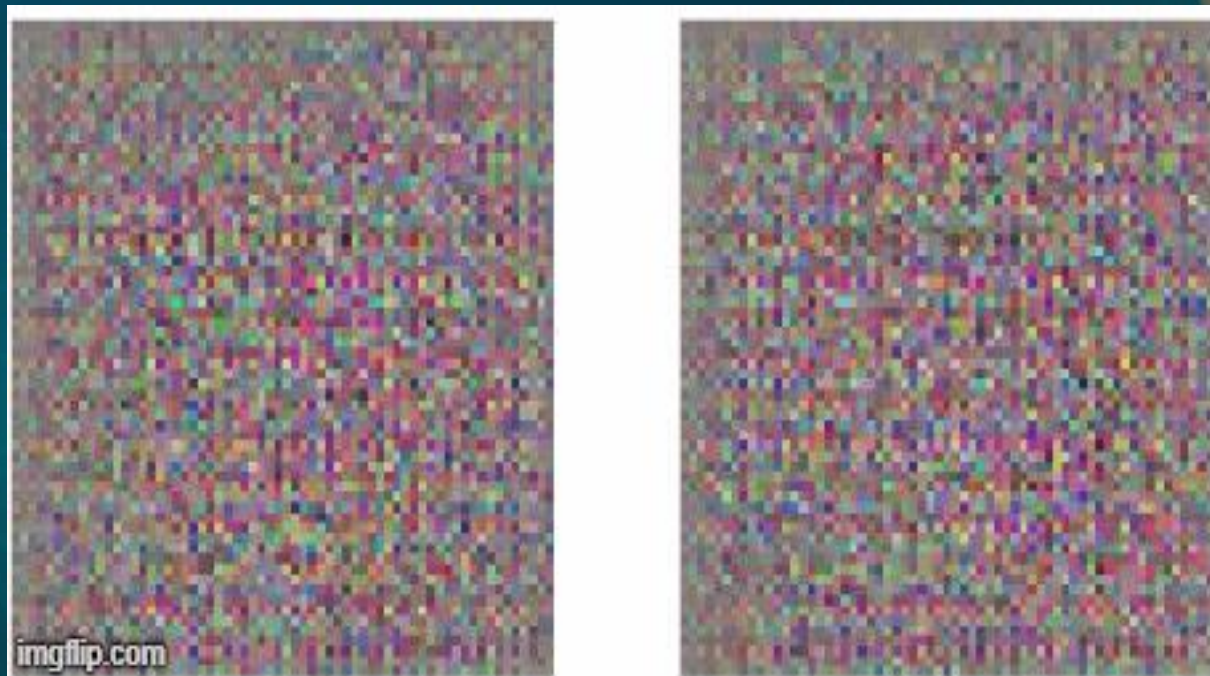
**Even more  
attempts later**







# Result





# Challenges



computing power



Training GAN

# Future Work

01	02	03	04
Using AWS	Improve the GAN result	Deploy the model	Using the other dataset



# THANK YOU ALL

