

NFT Collections Generator

with

Computer Vision



Vincenzo Imperati 1834930





Roadmap

1. Generative Adversarial Network

2. Generate NFTs

- **Model**
 - **DCGAN**
 - and
 - **SRGAN**
- **Final results**

3. Blend NFTs

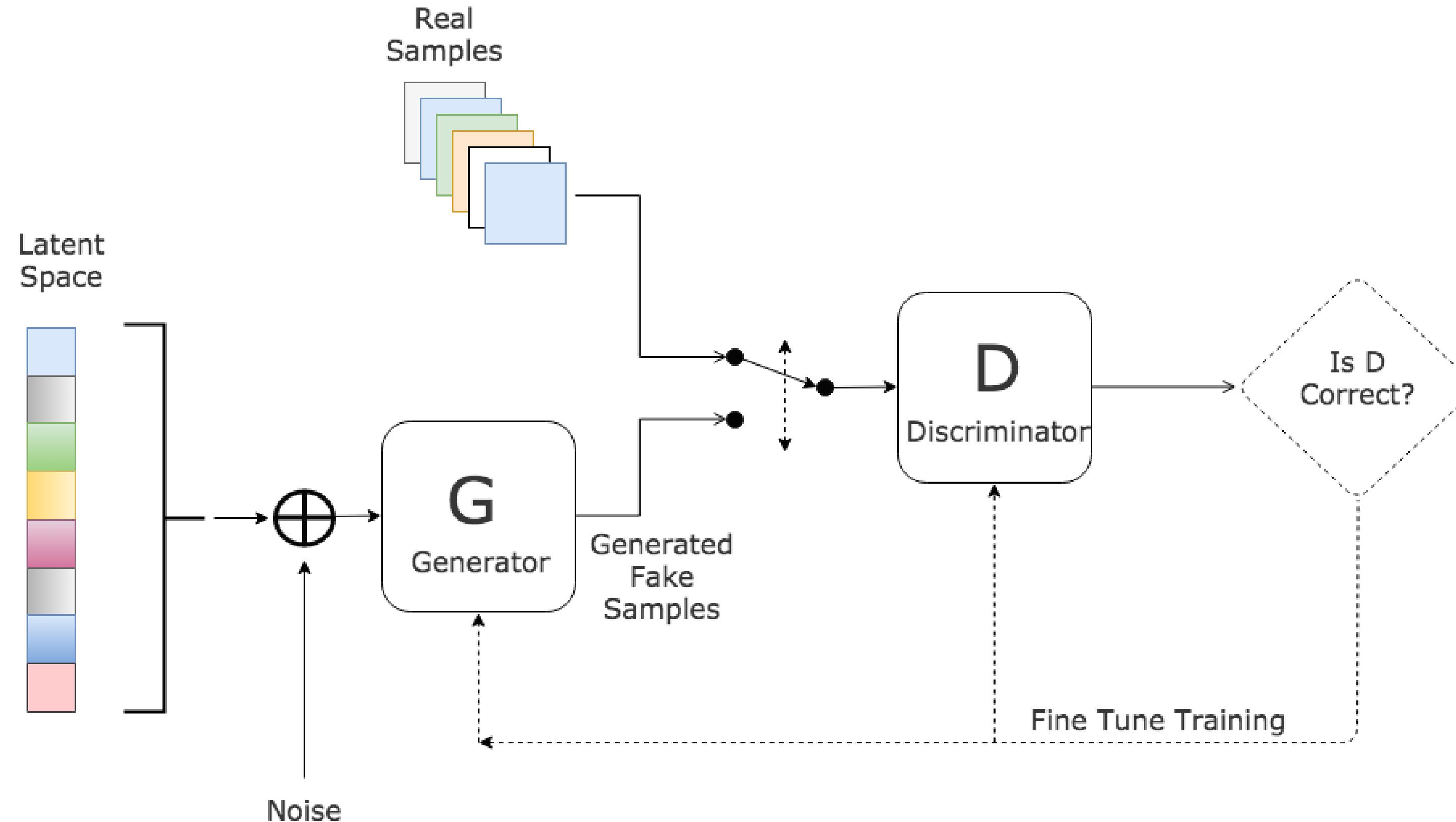
- **Model**
 - **DCGAN-2D**
- **Final results**

1. Generative Adversarial Network





Generative Adversarial Network



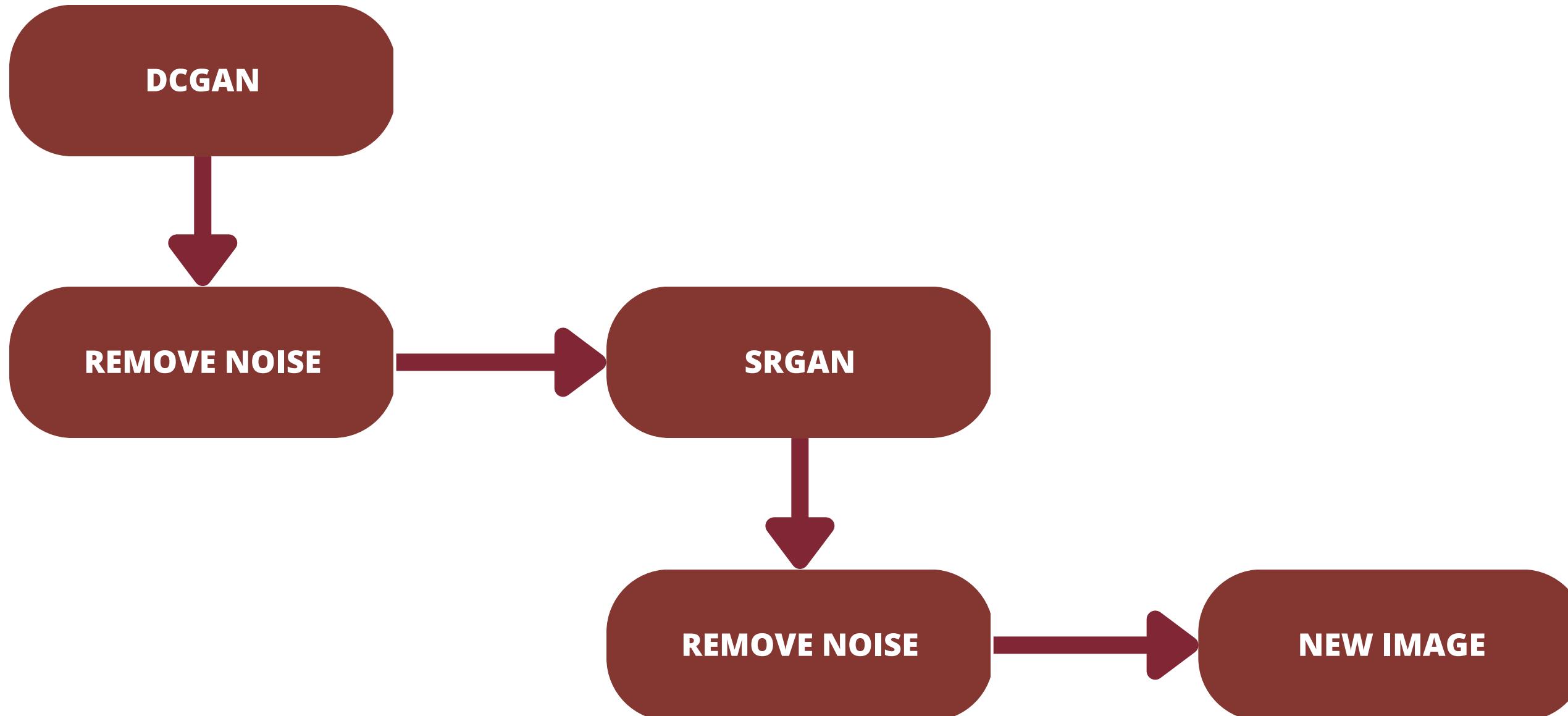
2. Generate NFTs

- Model
 - DCGAN
 - and
 - SRGAN
- Final results



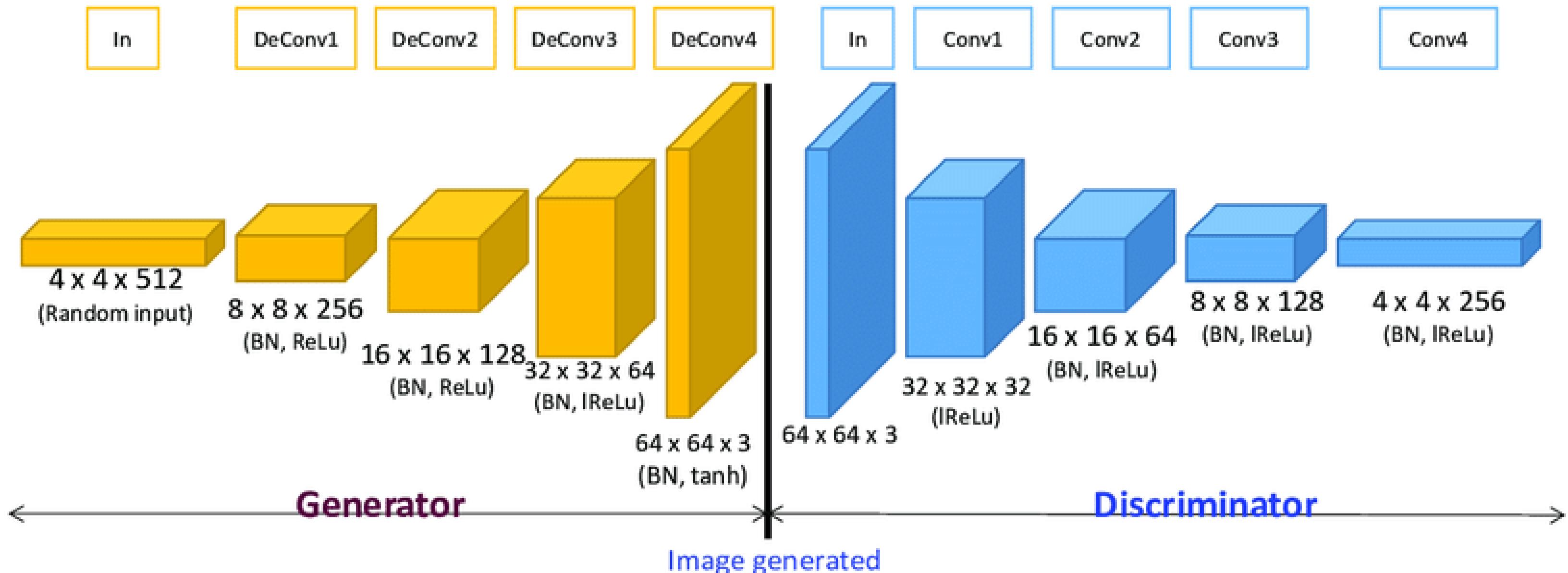


Generate NFTs: Model





Generate NFTs: DCGAN architecture



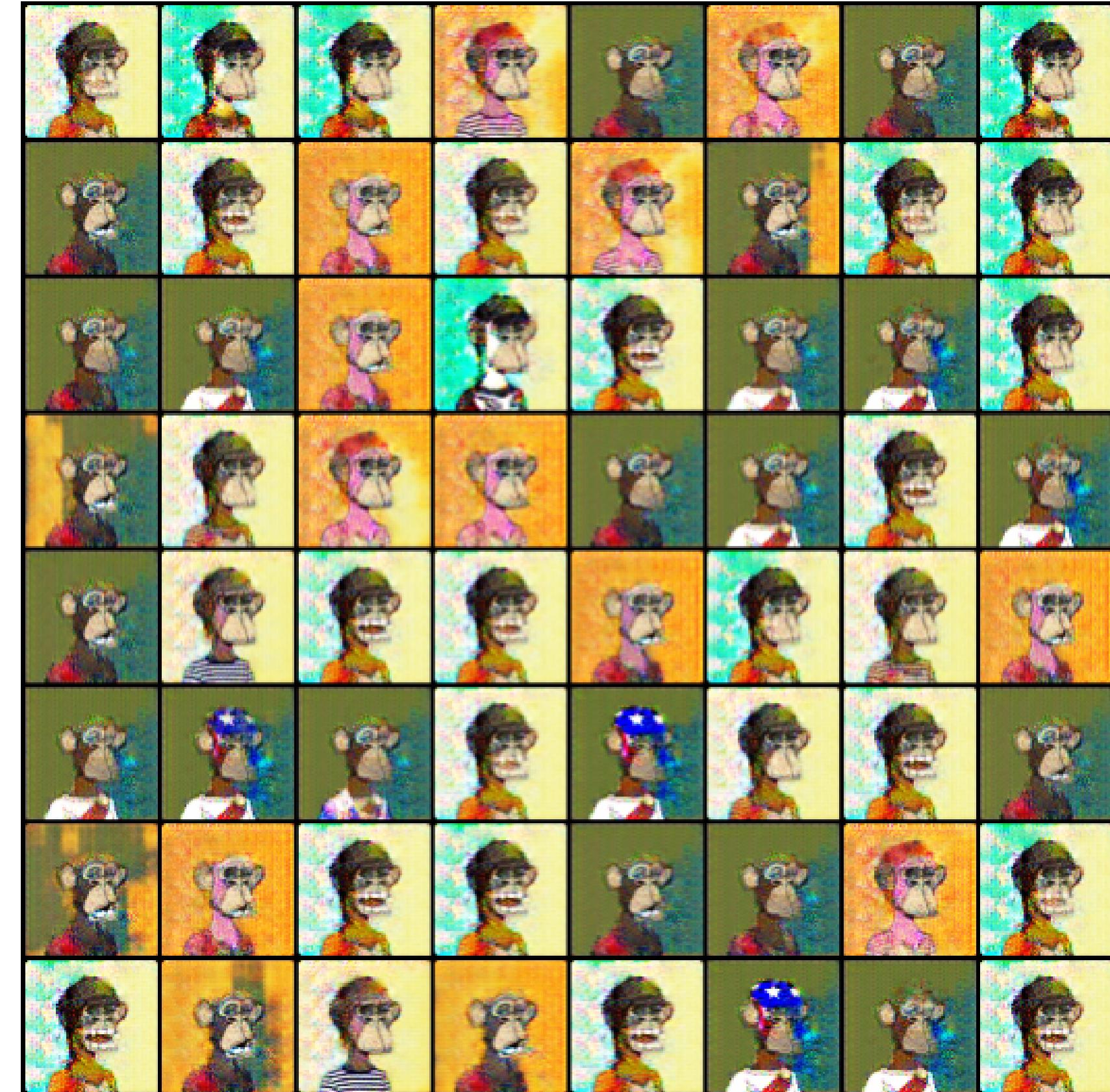


Generate NFTs: DCGAN results BAYC

Real Images

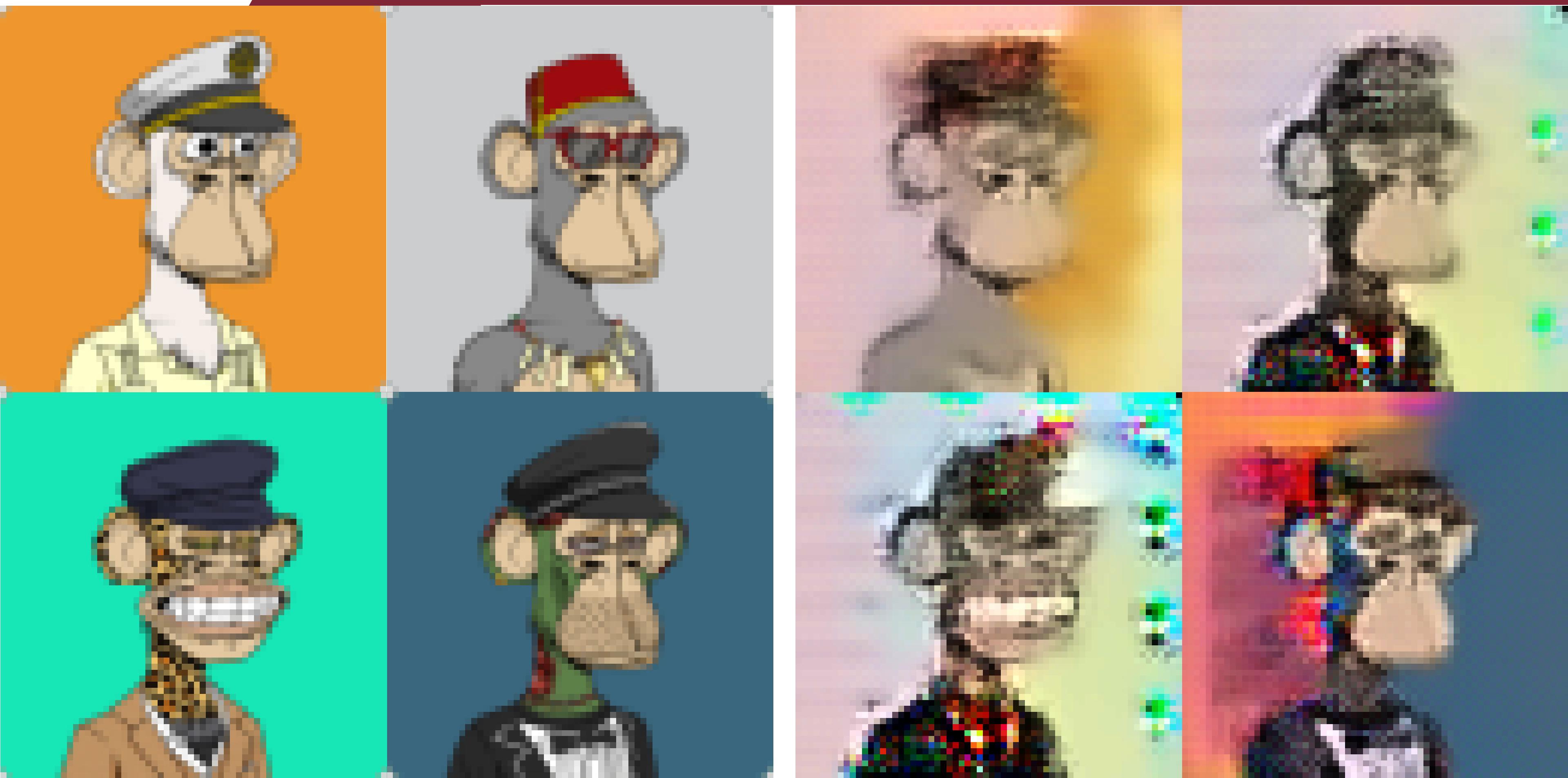


Fake Images



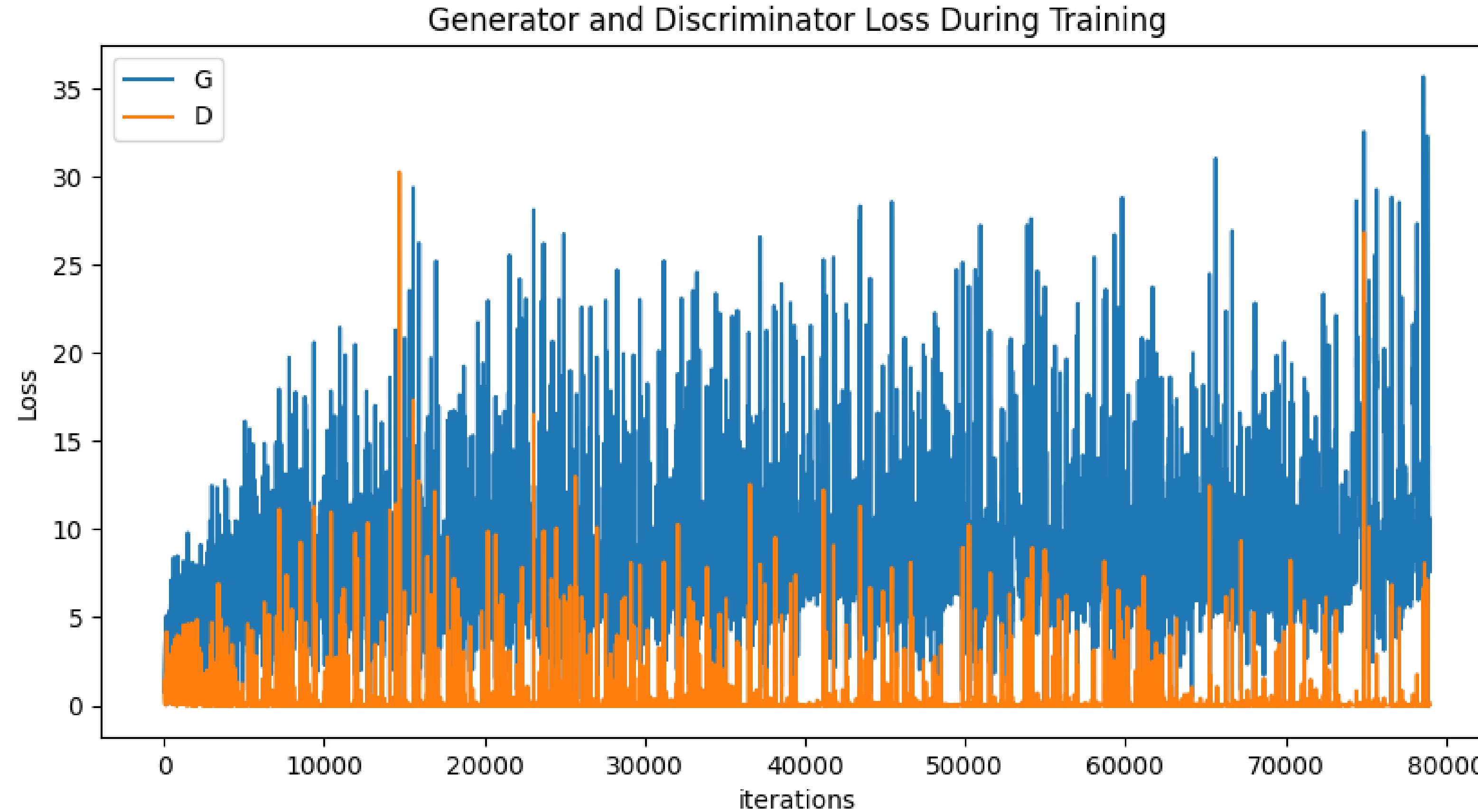


Generate NFTs: DCGAN results BAYC





Generate NFTs: DCGAN results BAYC



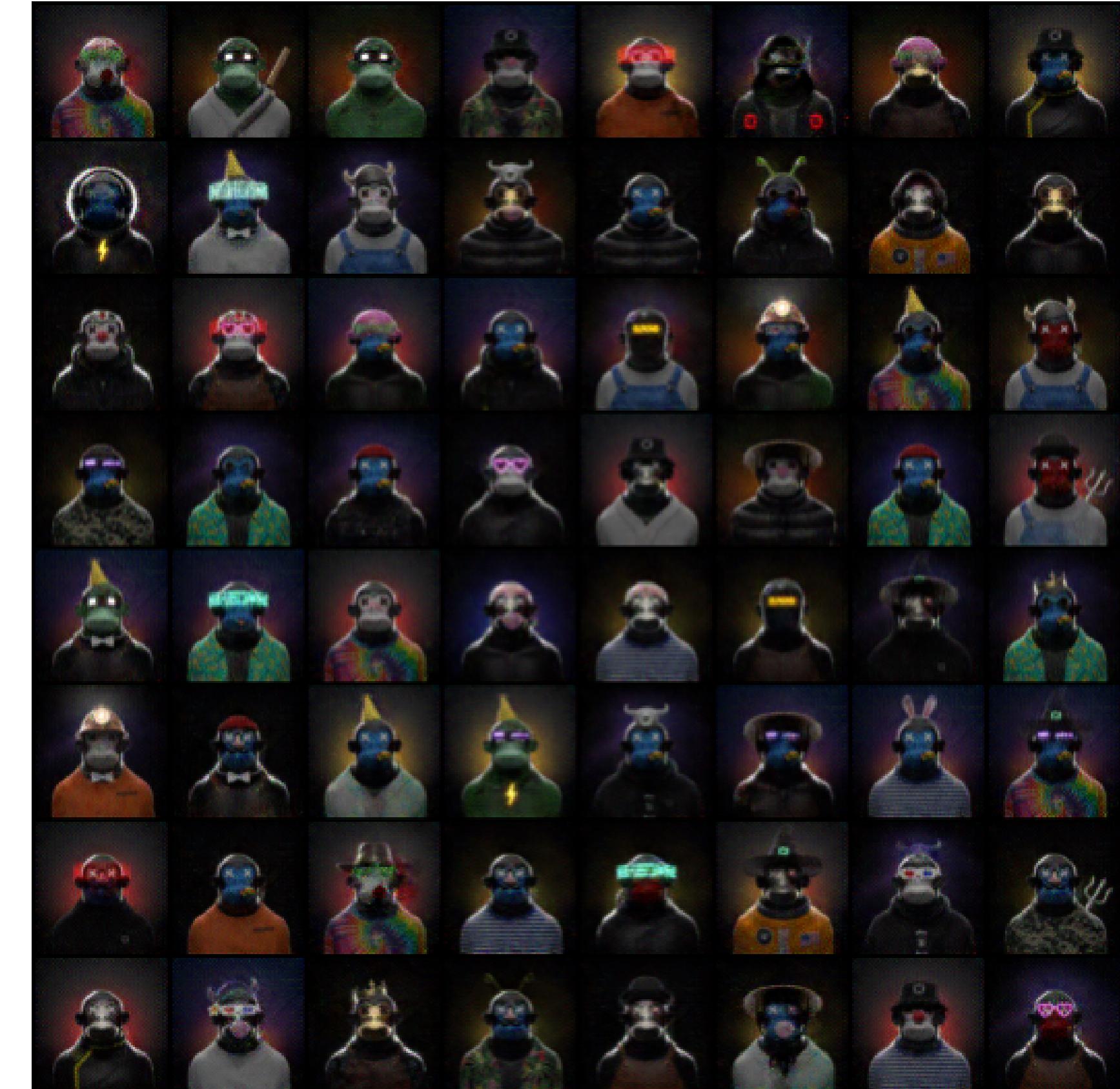


Generate NFTs: DCGAN results EAPES

Real Images

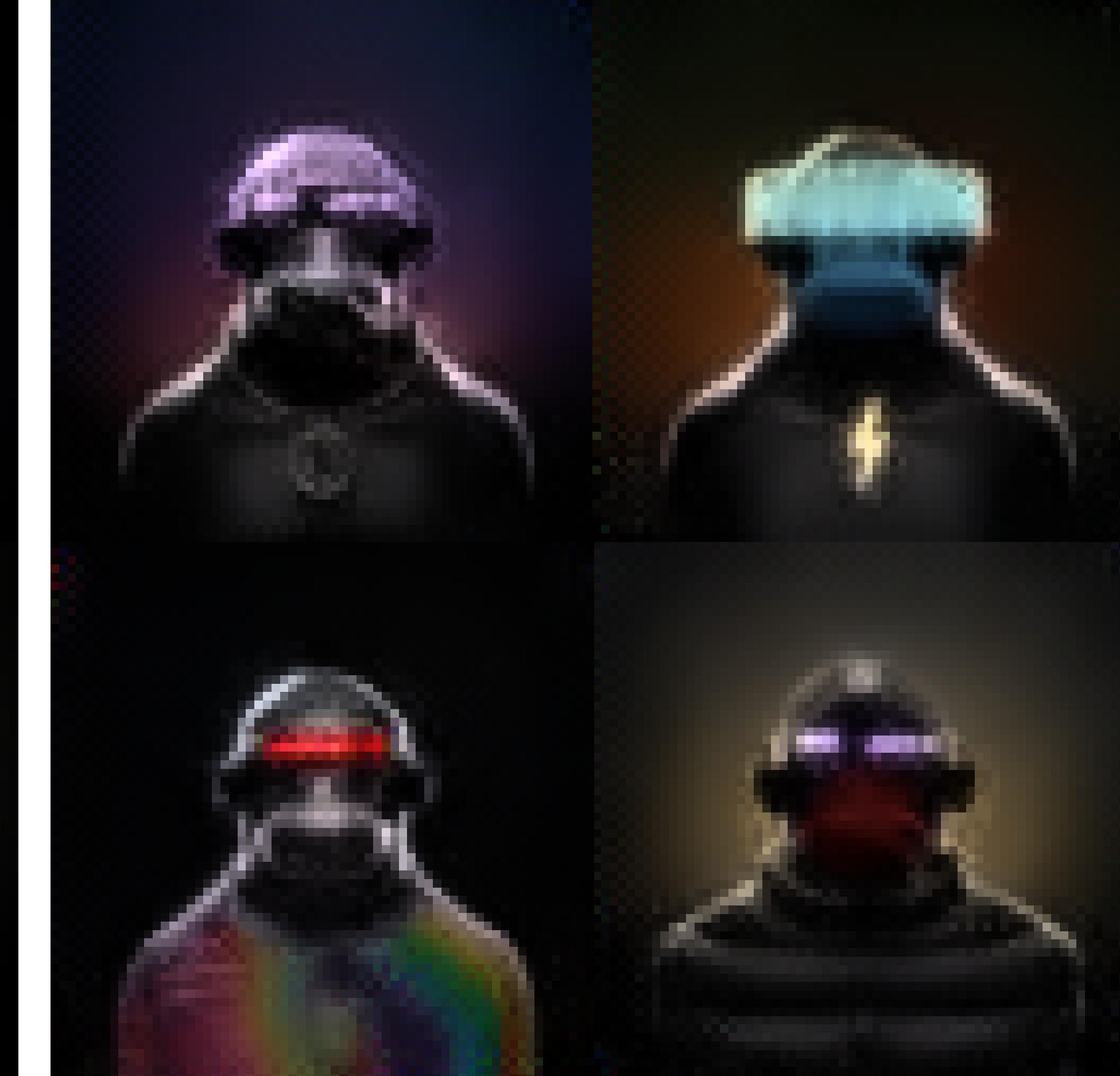
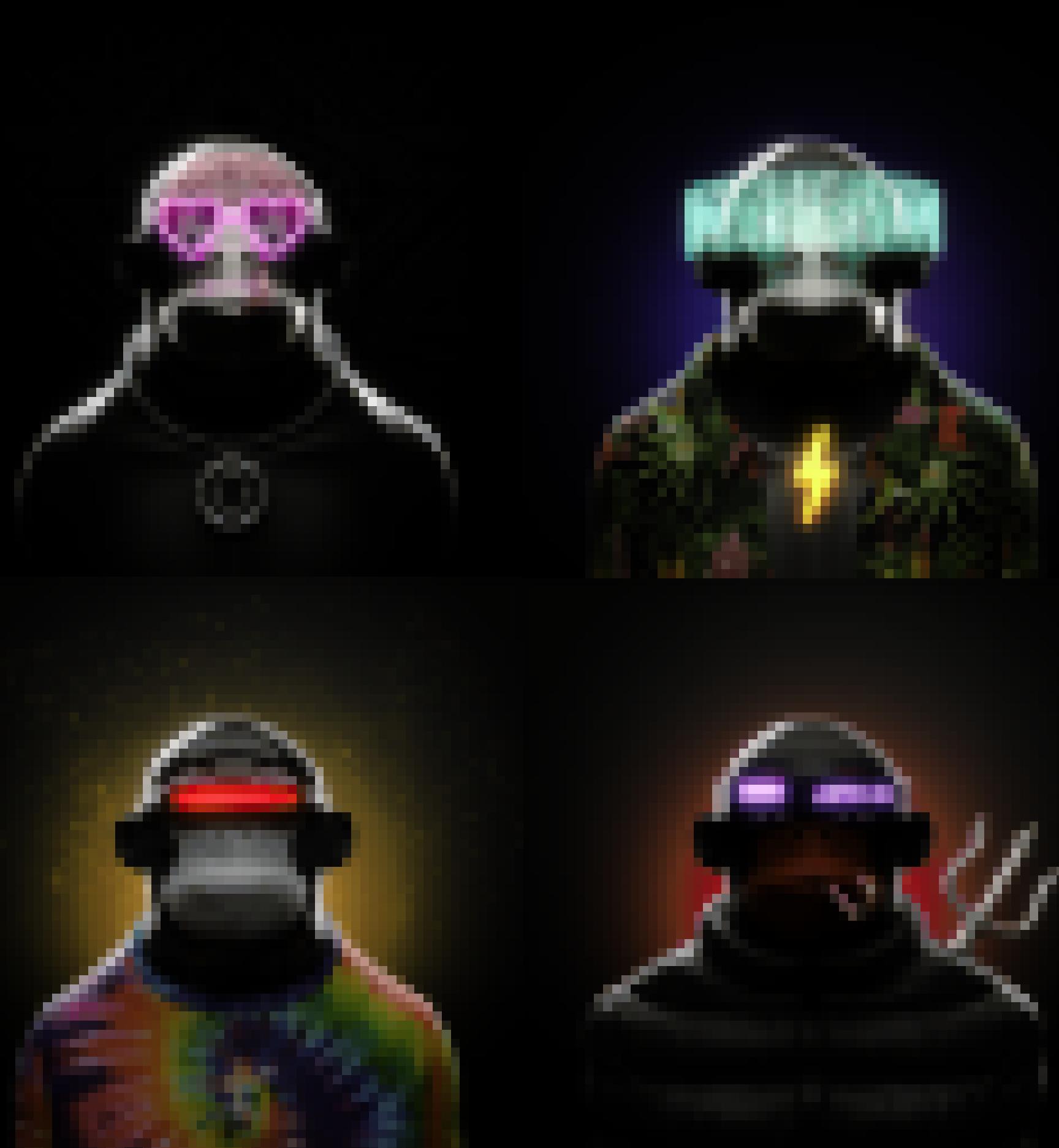


Fake Images



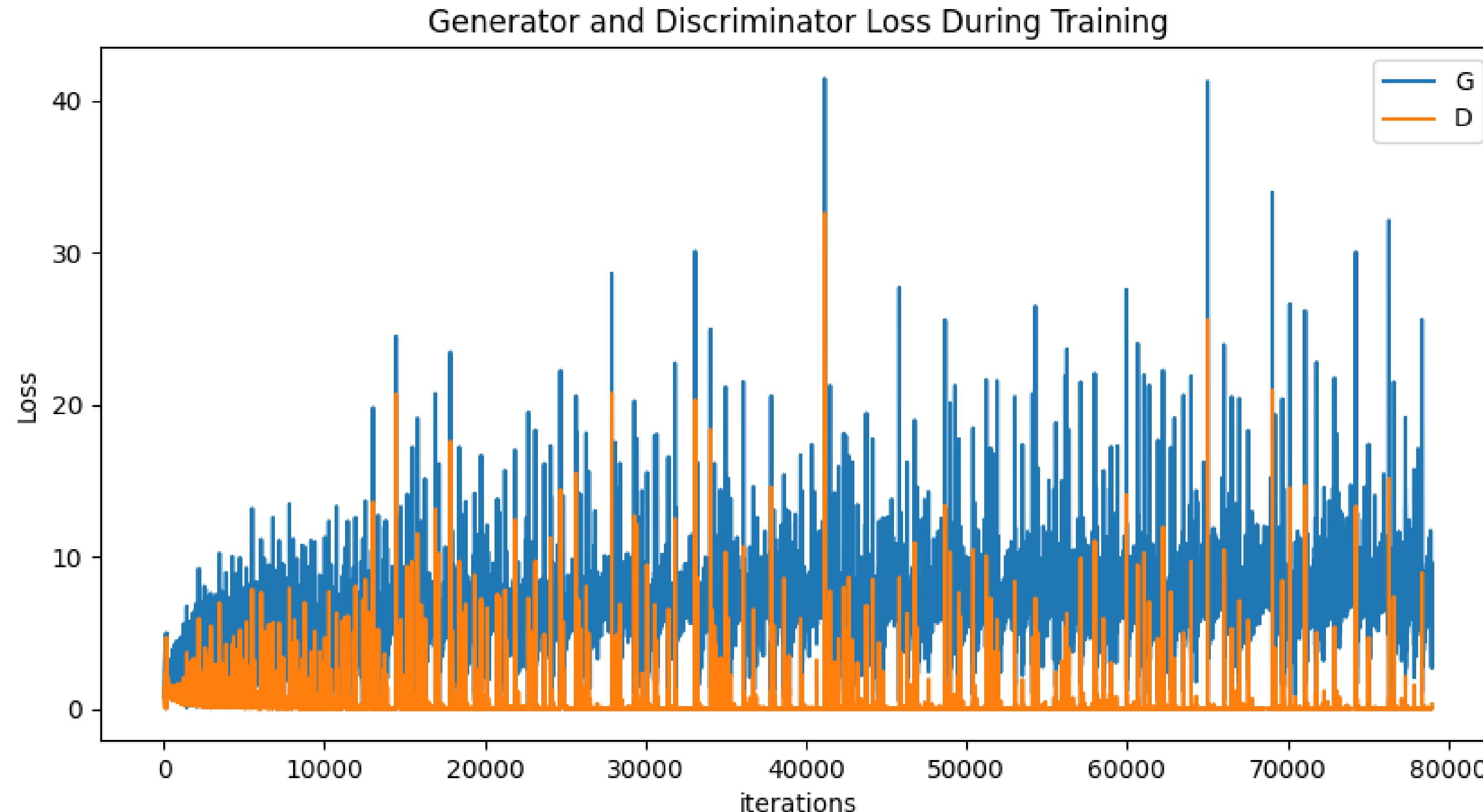


Generate NFTs: DCGAN results EAPES



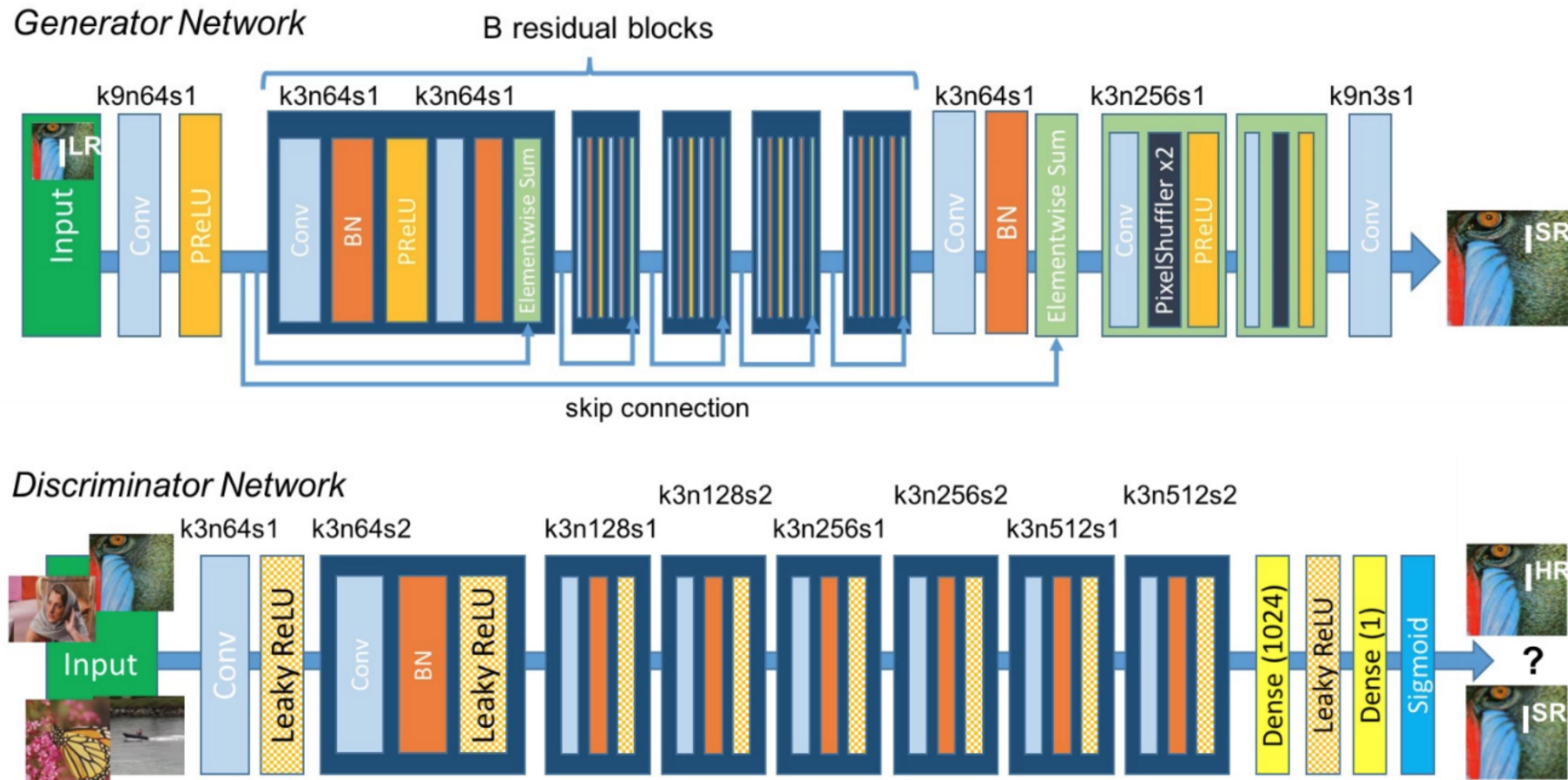


Generate NFTs: DCGAN results EAPES





Generate NFTs: SRGAN architecture



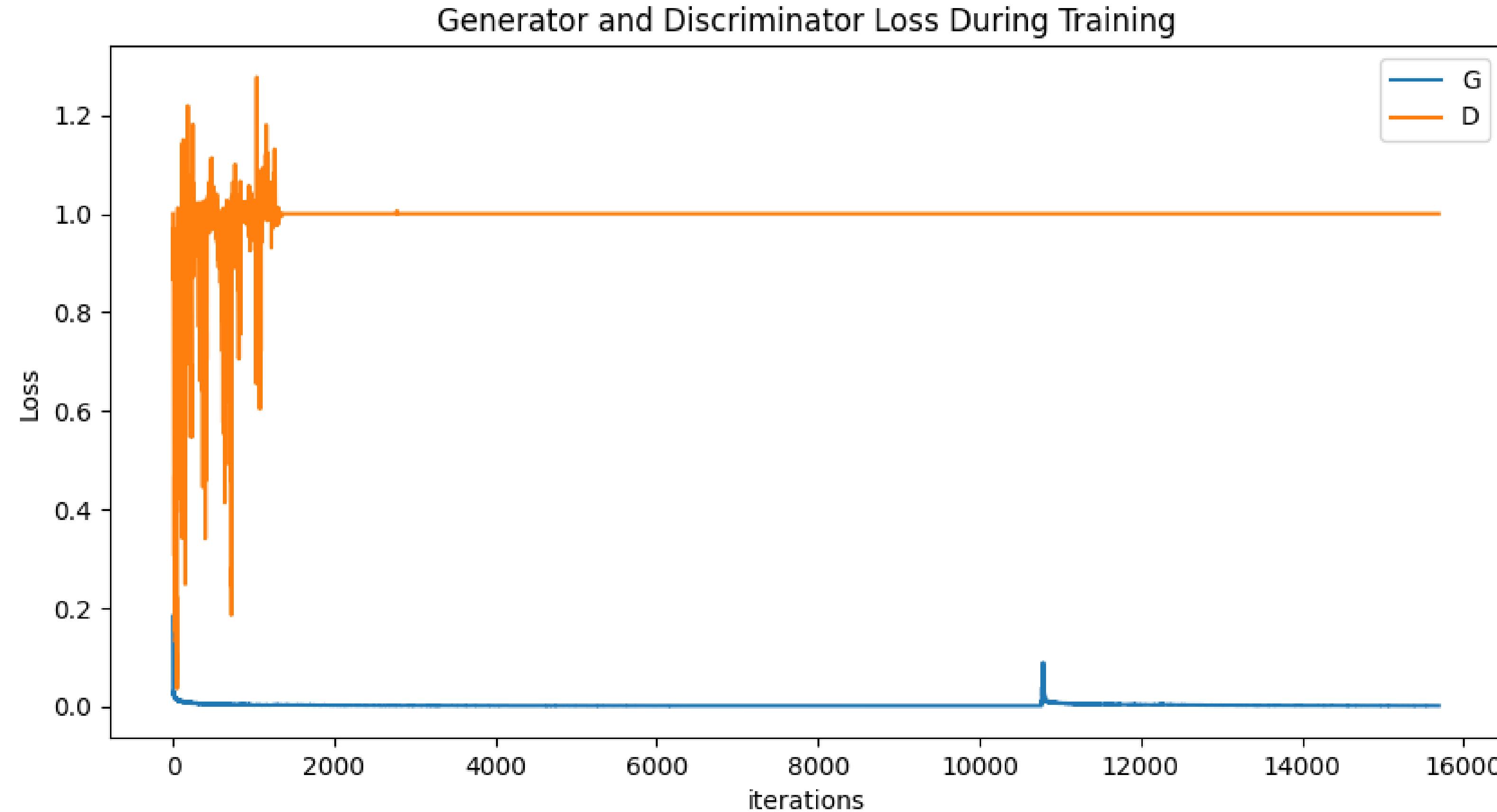


Generate NFTs: SRGAN results EAPES



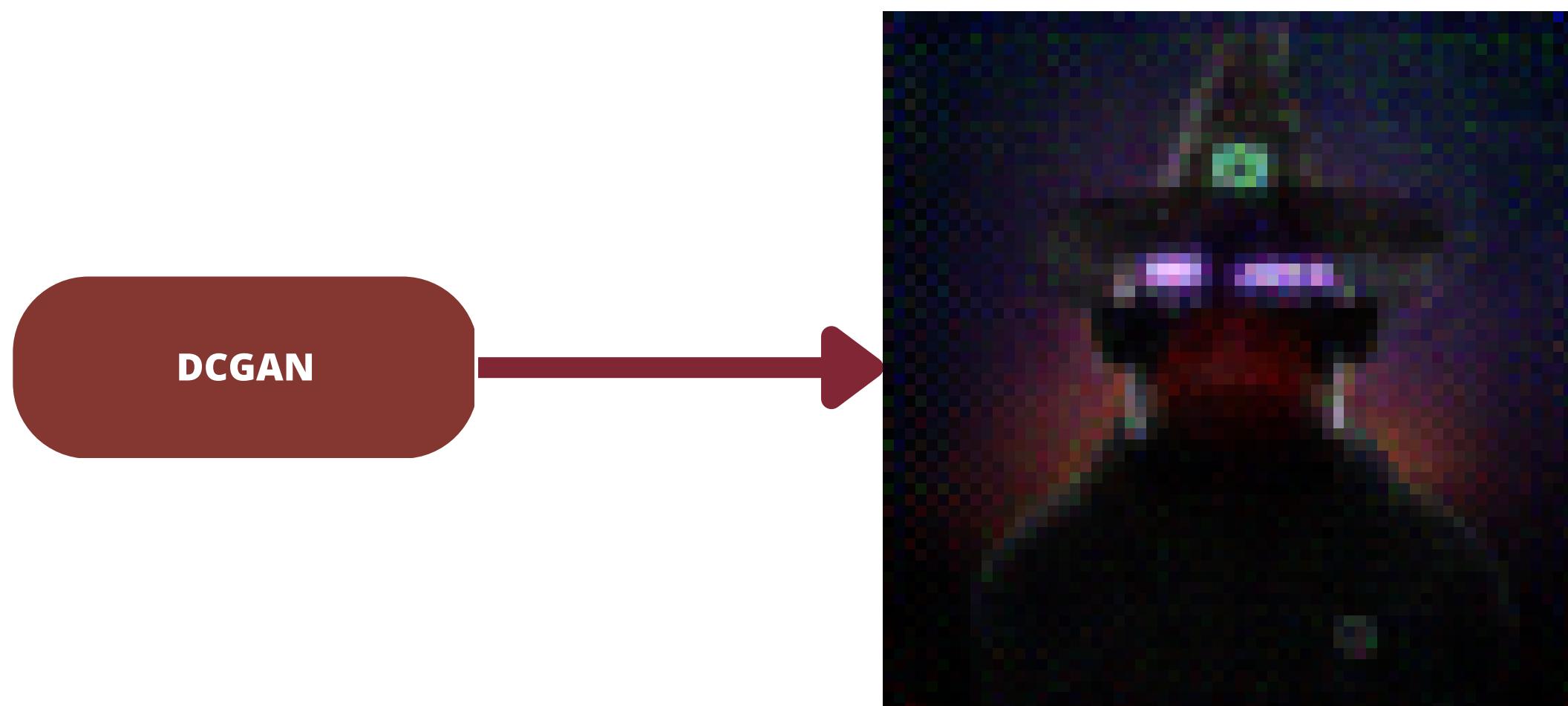


Generate NFTs: DCGAN results EAPES



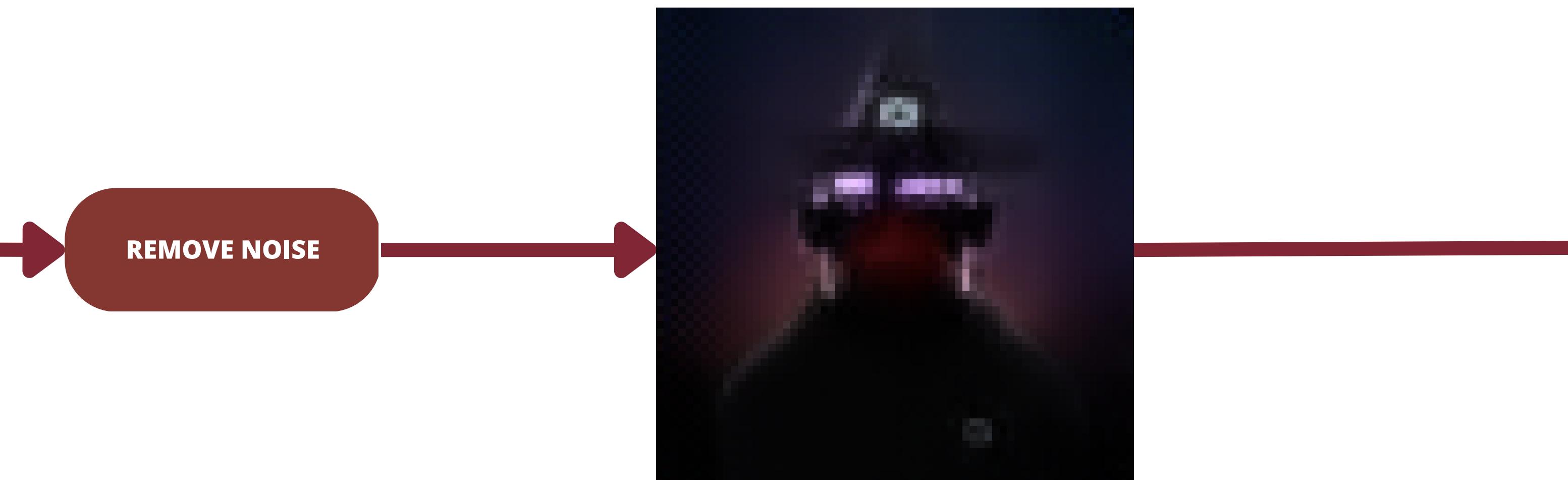


Generate NFTs: Final results EAPES



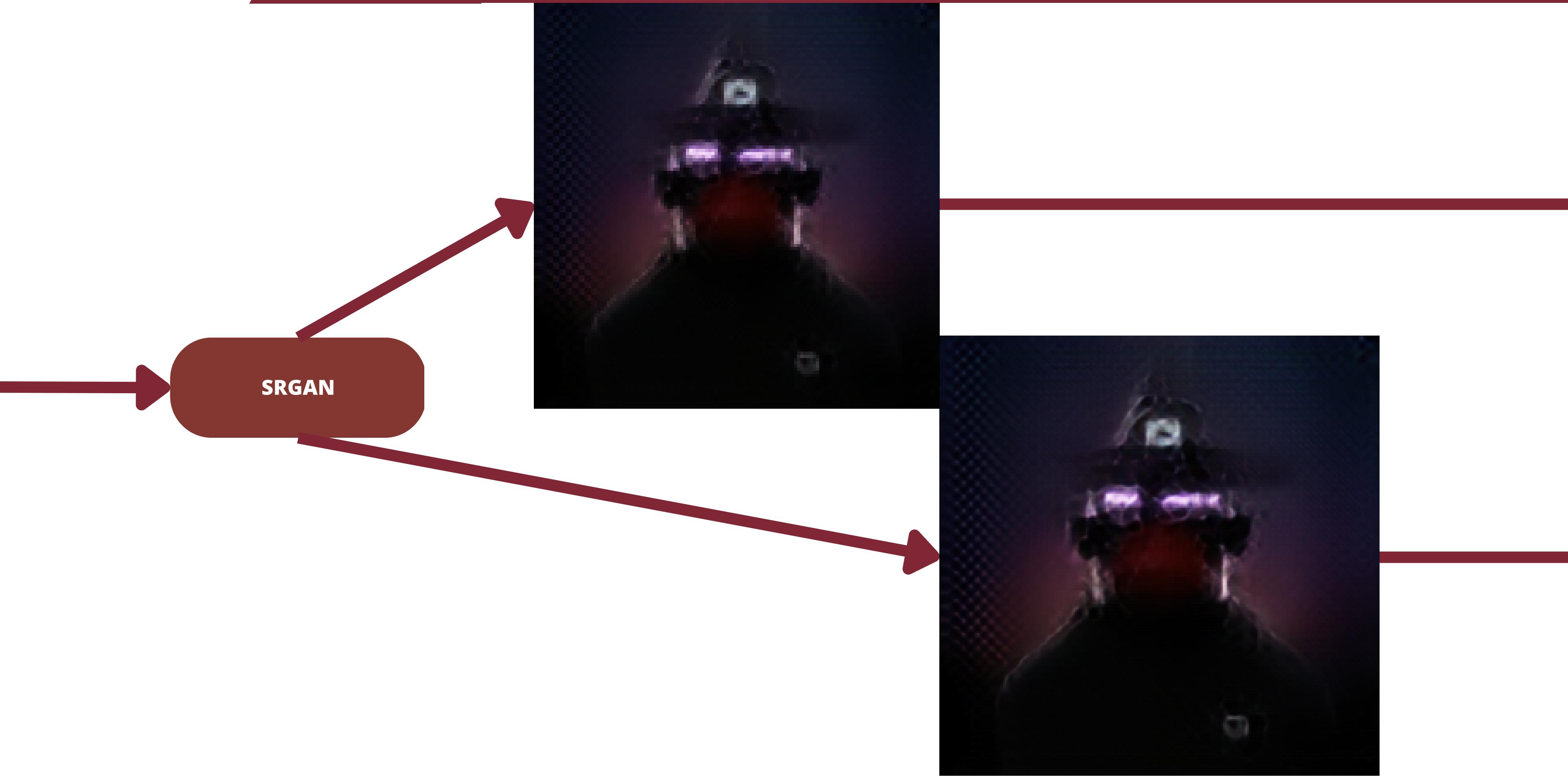


Generate NFTs: Final results EAPES



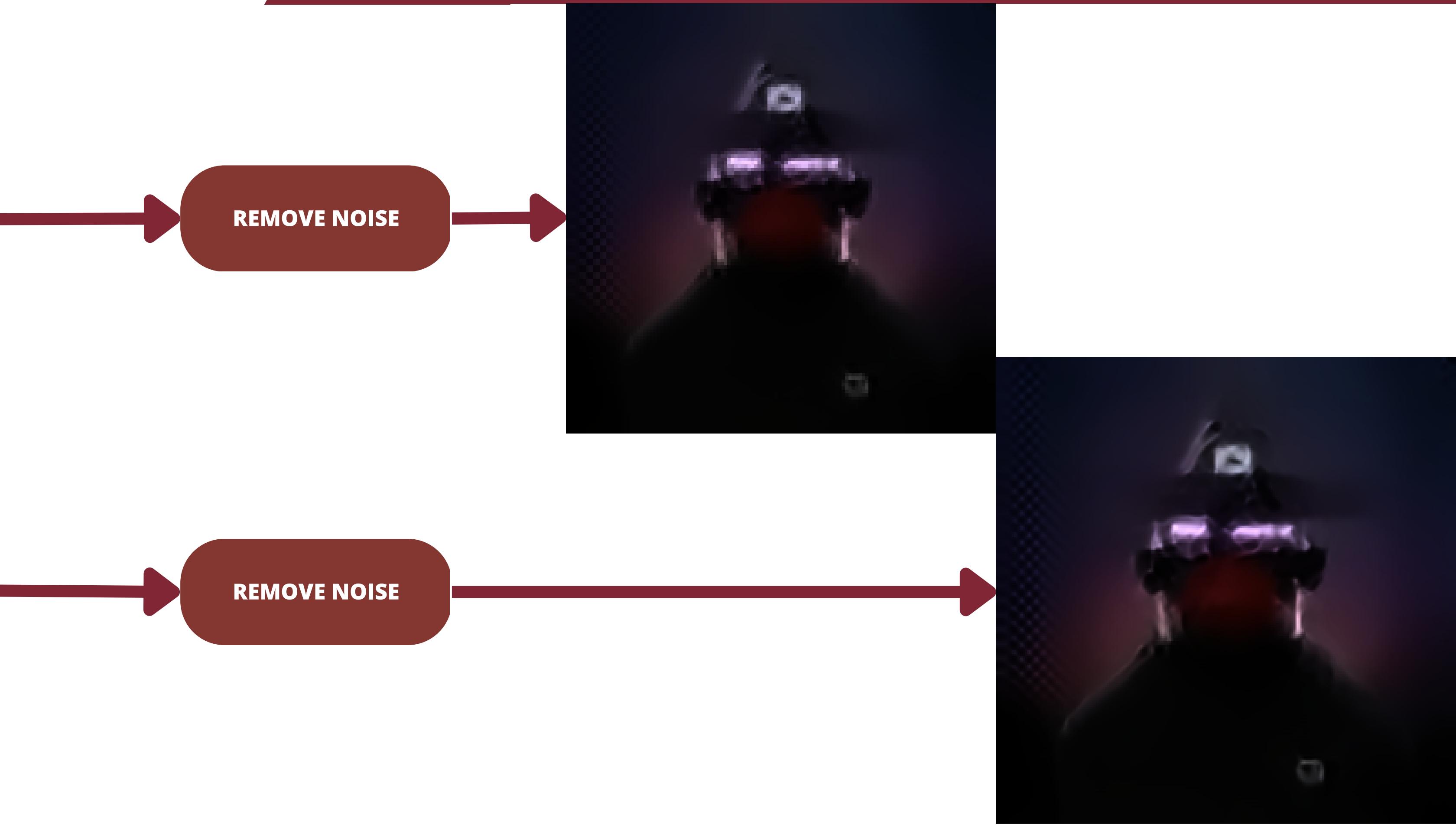


Generate NFTs: Final results EAPES





Generate NFTs: Final results EAPES



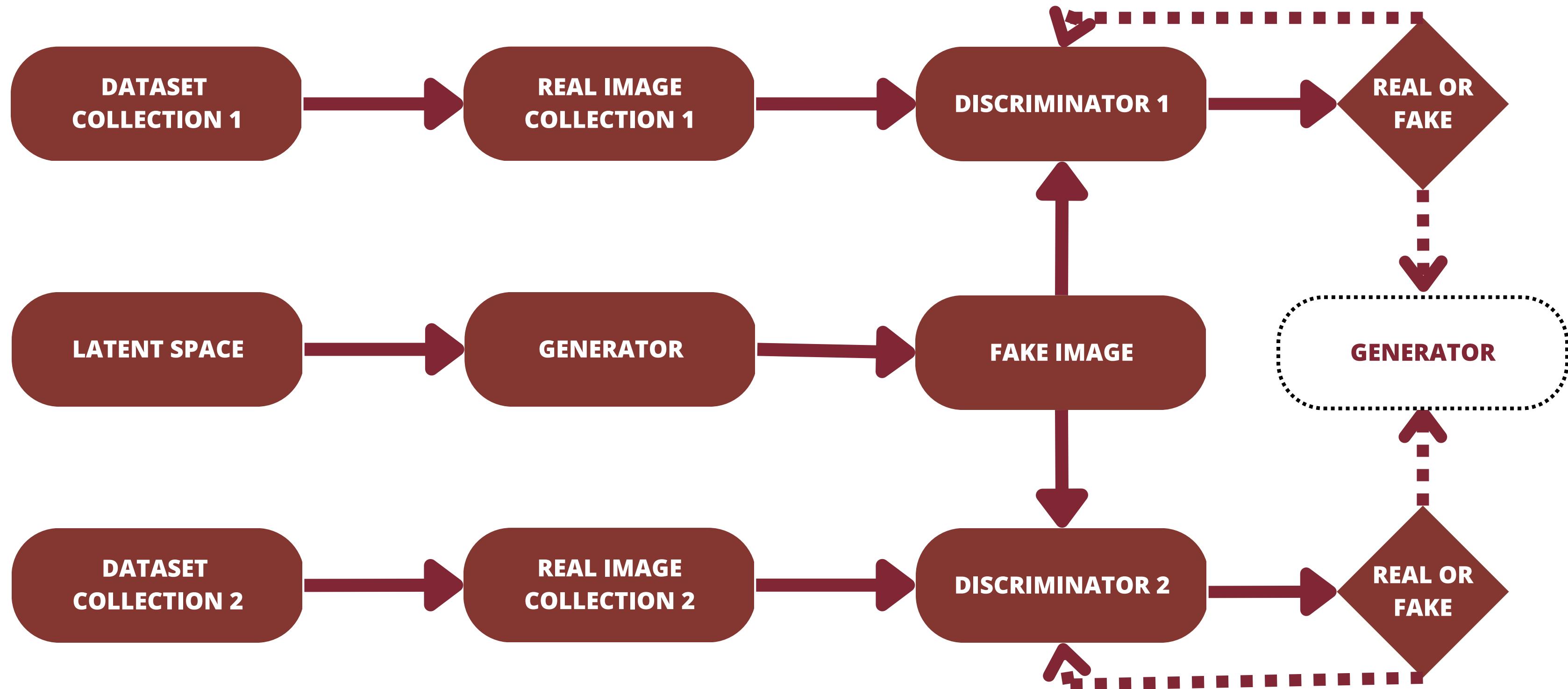
3. Blend NFTs

- Model
 - DCGAN-2D
- Final results





Blend NFTs: DCGAN-2D architecture

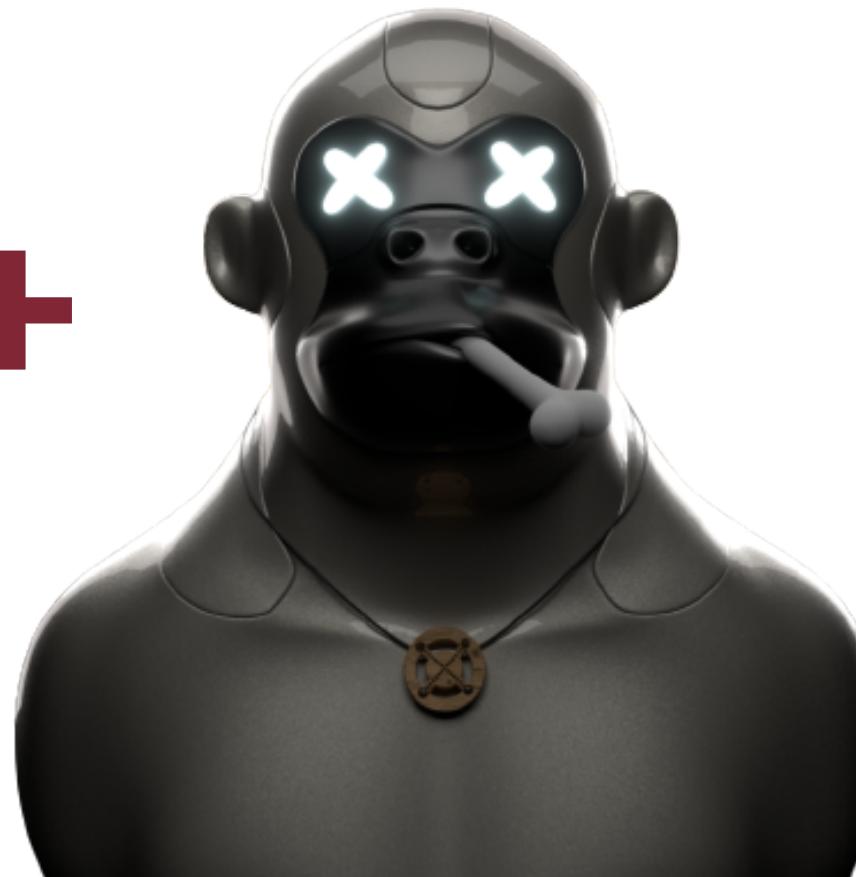




Blend NFTs: Expectation :)



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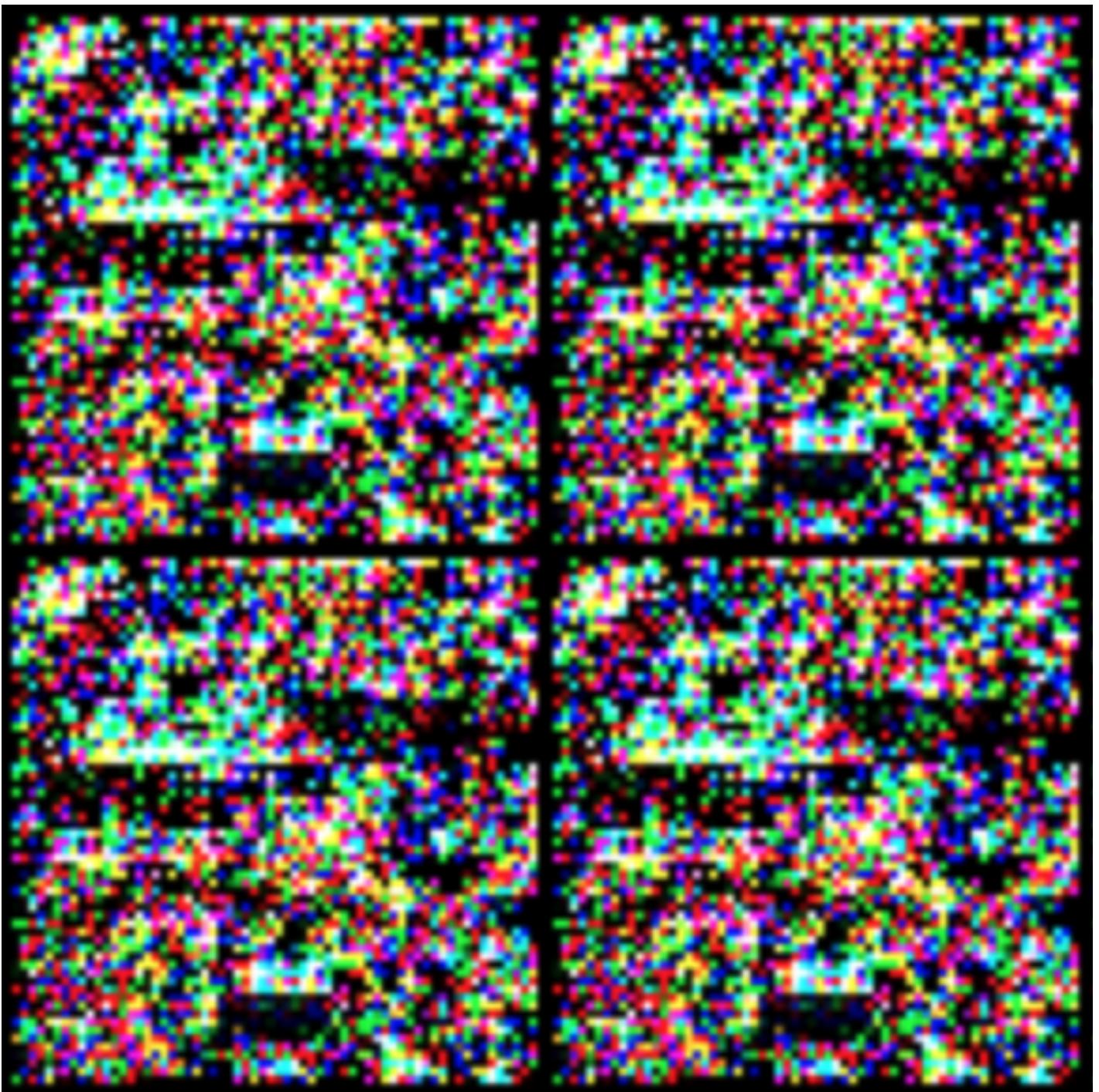
Blend NFTs: Reality :(



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Blend NFTs: DCGAN-2D results

Real1 Images



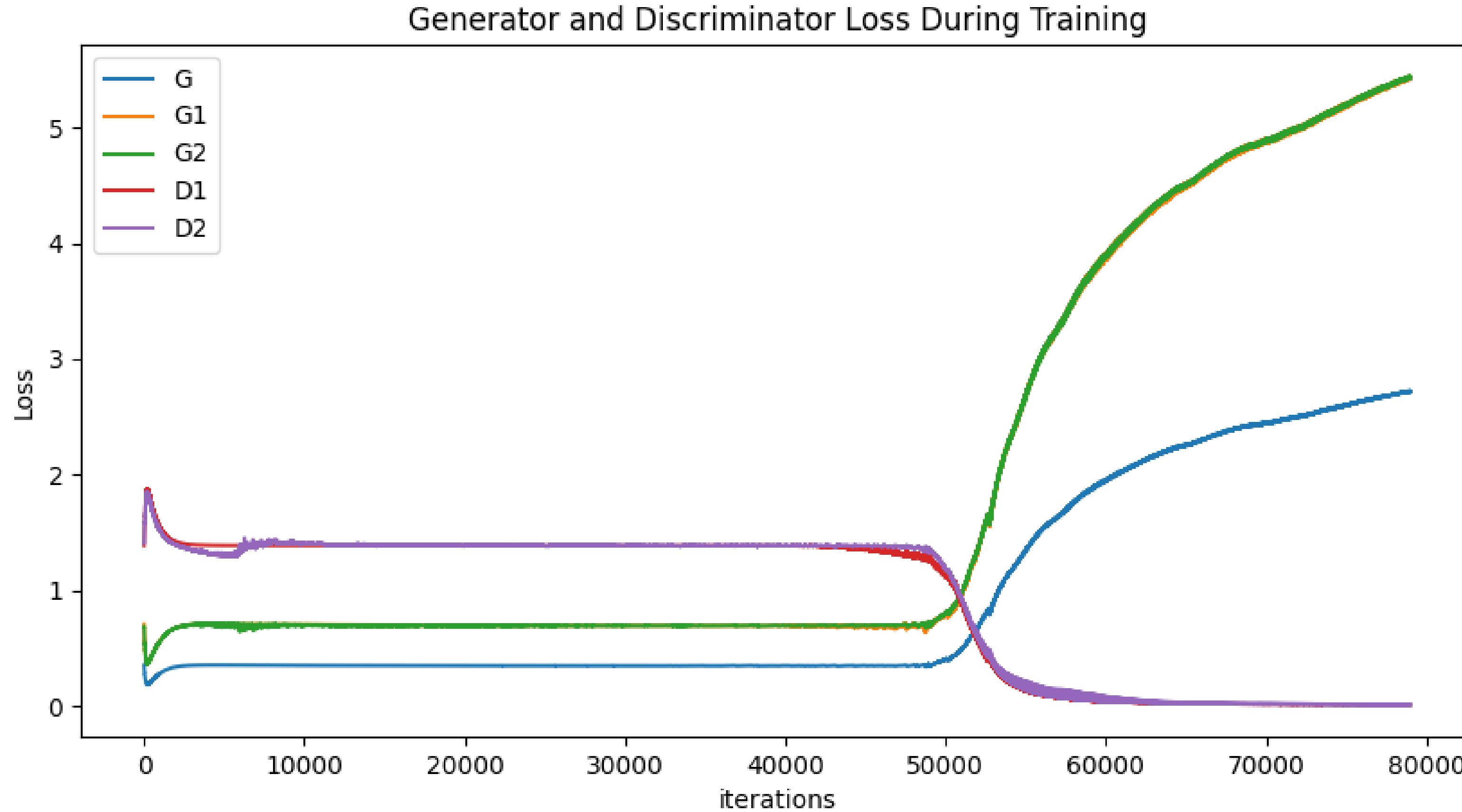
Real2 Images



Fake Images



Blend NFTs: DCGAN-2D results



Thanks for the attention



Vincenzo Imperati 1834930

