

NYCU DL Lab5
MaskGIT for Image Inpainting
313552049 鄭博涵

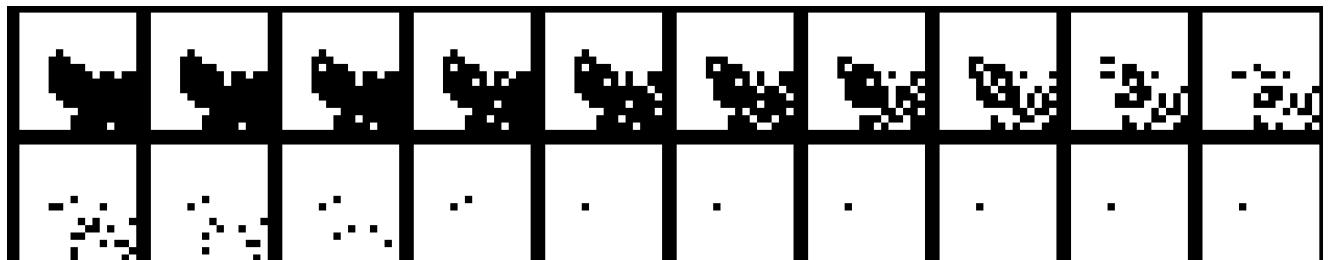
Experiment Score:

Part1: Prove your code implementation is correct (30%)

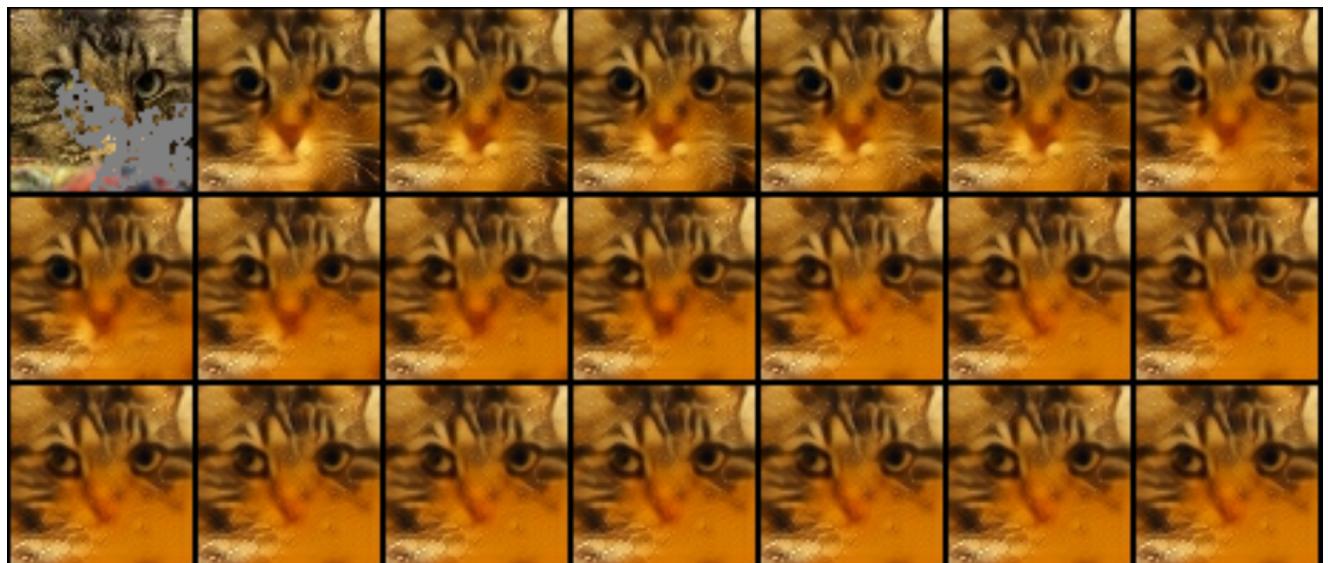
1. Show iterative decoding.

Cosine:

(a):

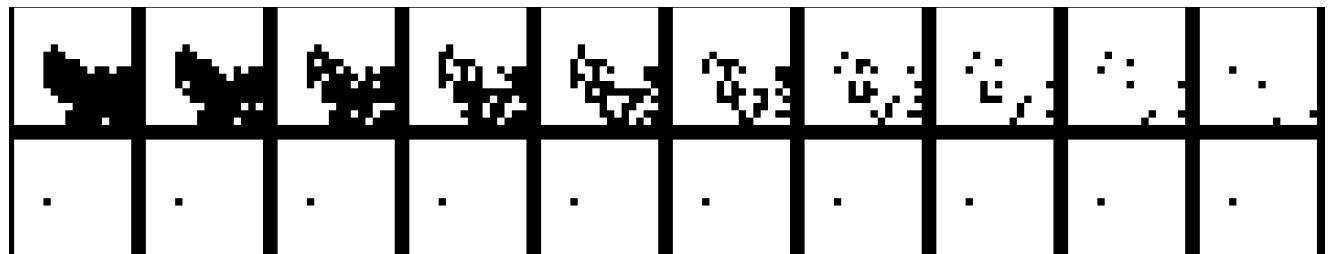


(b):

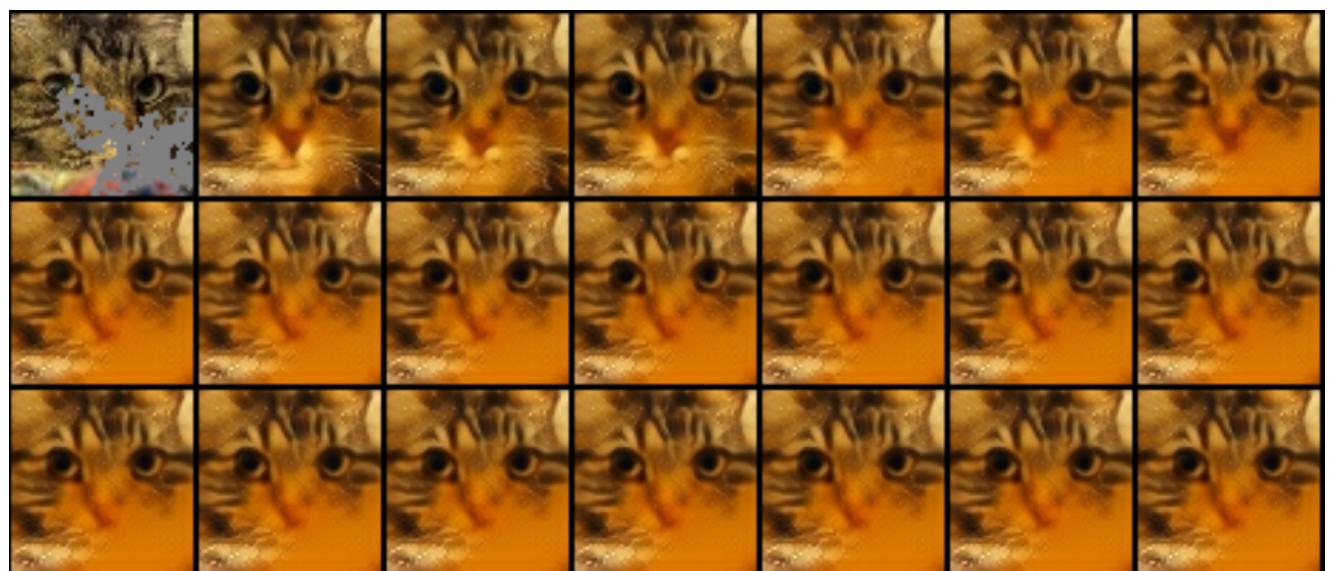


Linear:

(a):

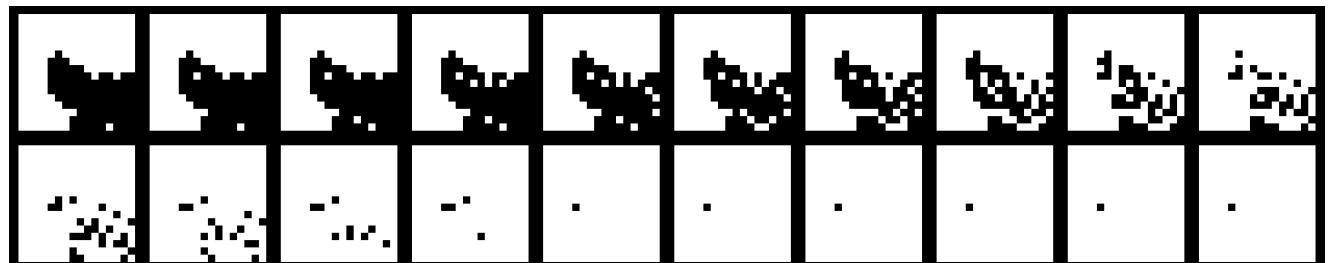


(b):

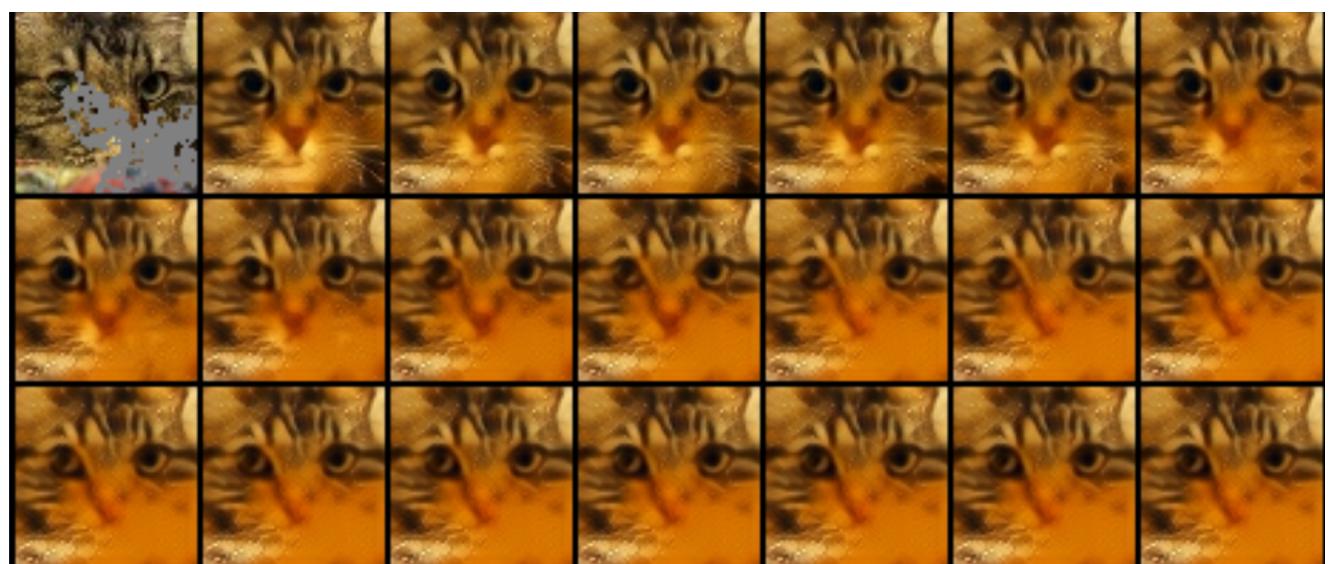


Square:

(a):



(b):



The Best FID Score (20%)

Screenshot:

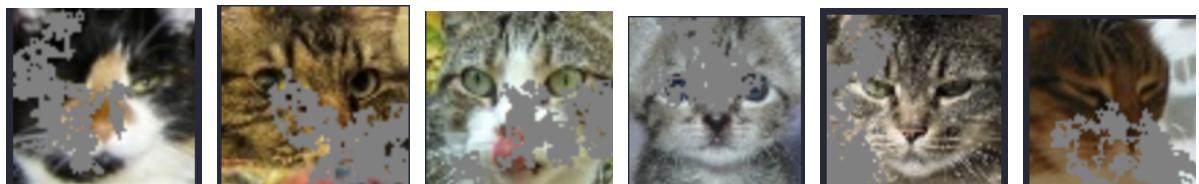
use “Square” mask ratio scheduling and sweet_spot is set to 2

The result of FID is 38.98

```
(maskgit) (base) sqoojack@sqoojack-computer:~/文件/博涵公司/交大/暑修-深度學習/lab05$ /home/sqoojack/anaconda3/envs/maskgit/bin/python /home/sqoojack/文件/博涵公司/交大/暑修-深度學習/lab05/faster-pytorch-fid/fid_score_gpu.py  
747  
100% |██████████| 15/15 [00:01<00:00, 7.66it/s]  
100% |██████████| 15/15 [00:01<00:00, 8.85it/s]  
FID: 38.98365703107601
```

Compare with Masked Images and Inpainting Results:

Masked Images:



Inpainting Results:

