





- 1. 레시피 음성 조작
- 2. 재료 기반 레시피 검색
- 3. 음식 사진 검색



Co.copy:

어떻게 해먹지?



CO-CONN!

어떻게해먹지?



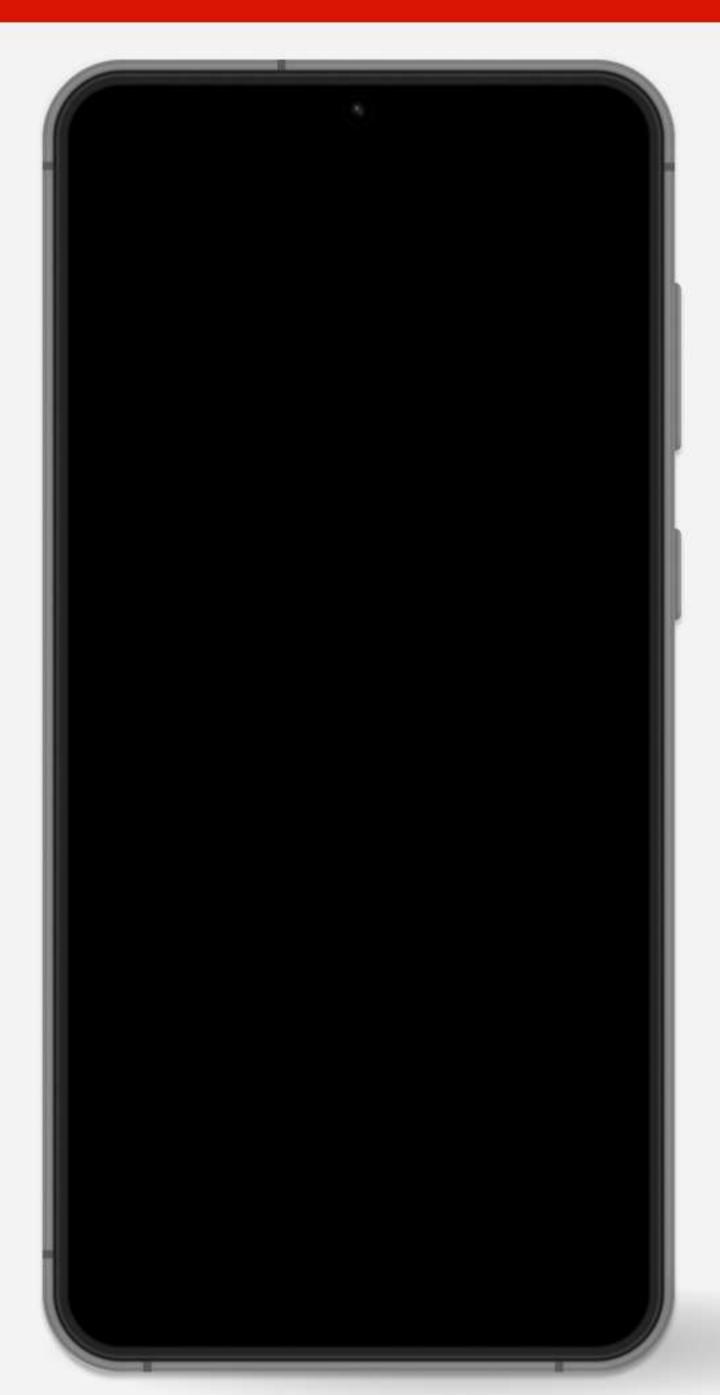
무엇을 해먹지?

Co-colly;

레시피 추천



레시피 추천



- 1. 최근 인기 레시피
- 2. 최근 만든 레시피와 유사한 레시피
- 3. 찜한 레시피와 유사한 레시피
- 4. 관리자 추천

Co-copy;

Co-cook! A



냉장고 **털**기



Co-copy;



냉장고 털기

Co-cook.





Hey,___Cock!

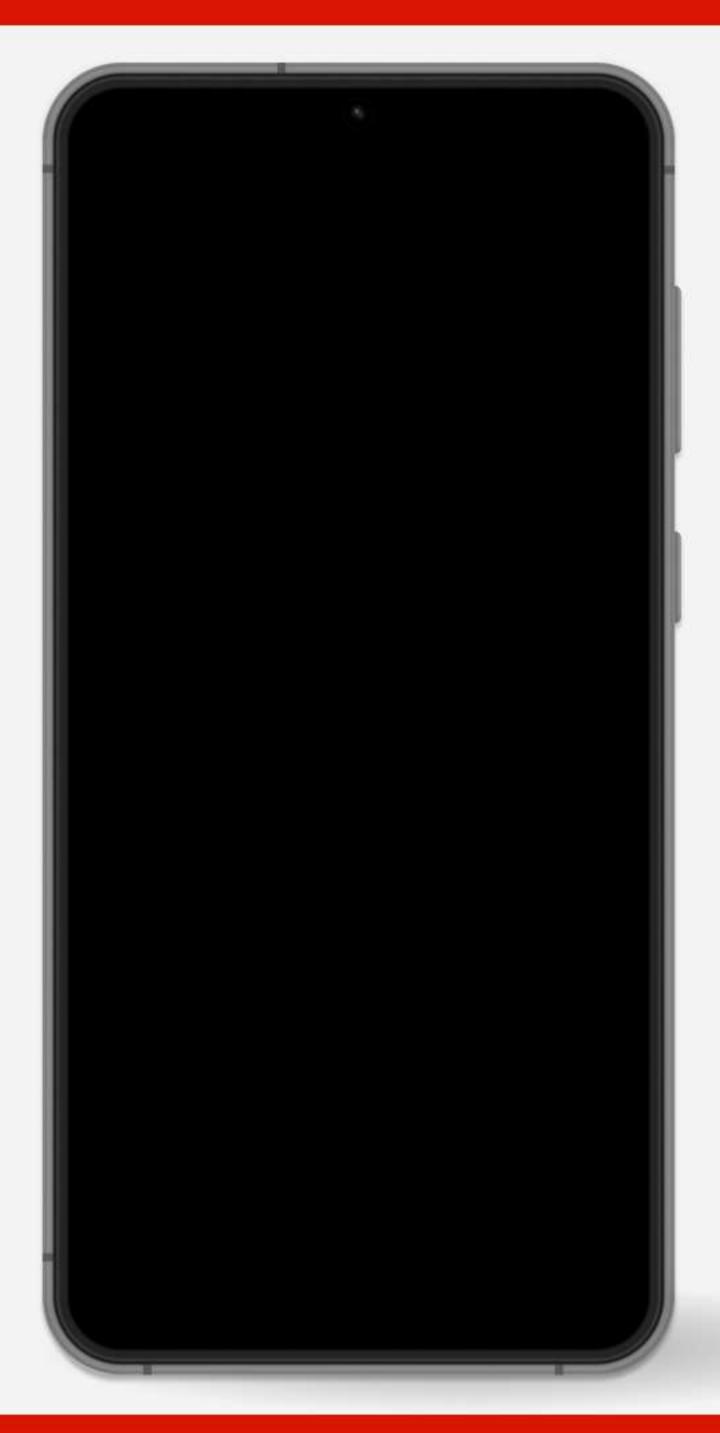


Co-conti

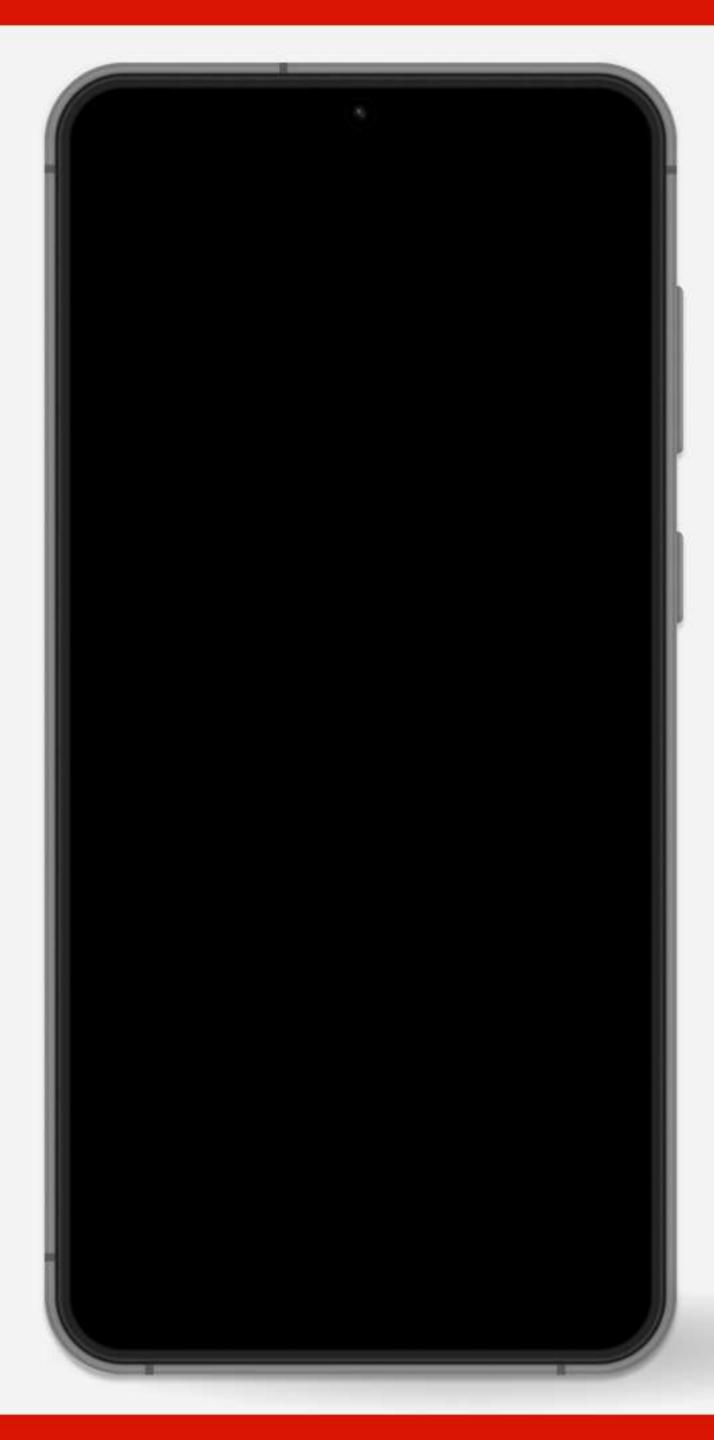
Hey,___Cock!



Hey,___Co-cock!



Co-conti



Co.copy:

Co-cook! AD TECHNOLOGY

Co-cook! (A) TECHNOLOGY

Hey,___ Co-cook!









Hey,___Cock!

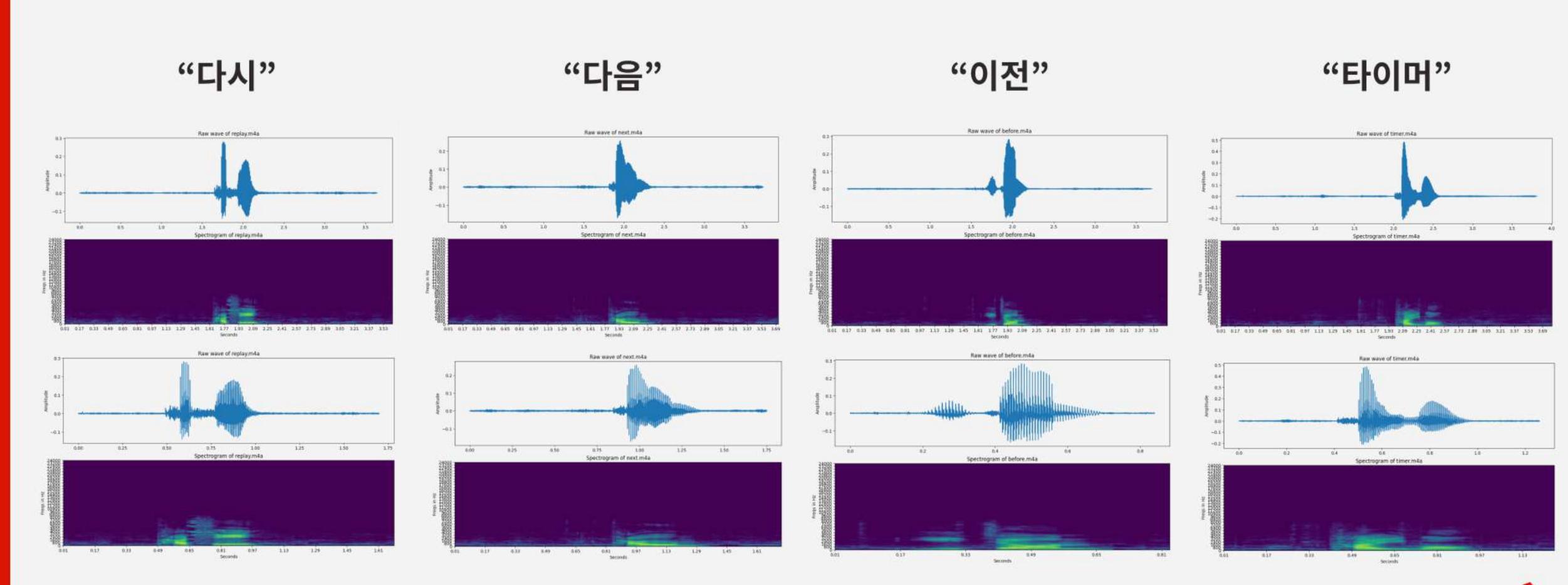
Hey,____Co-cook!

Mel-Spectrogram





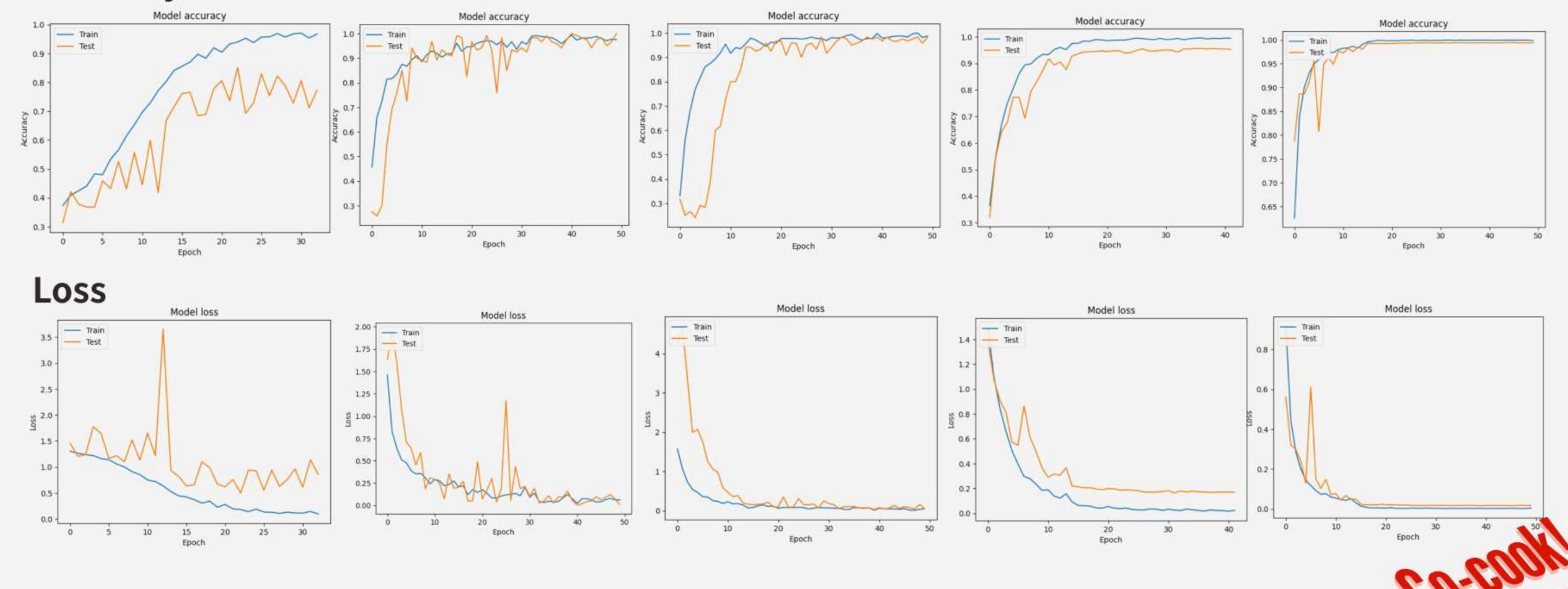
Hey,____Co-cook!





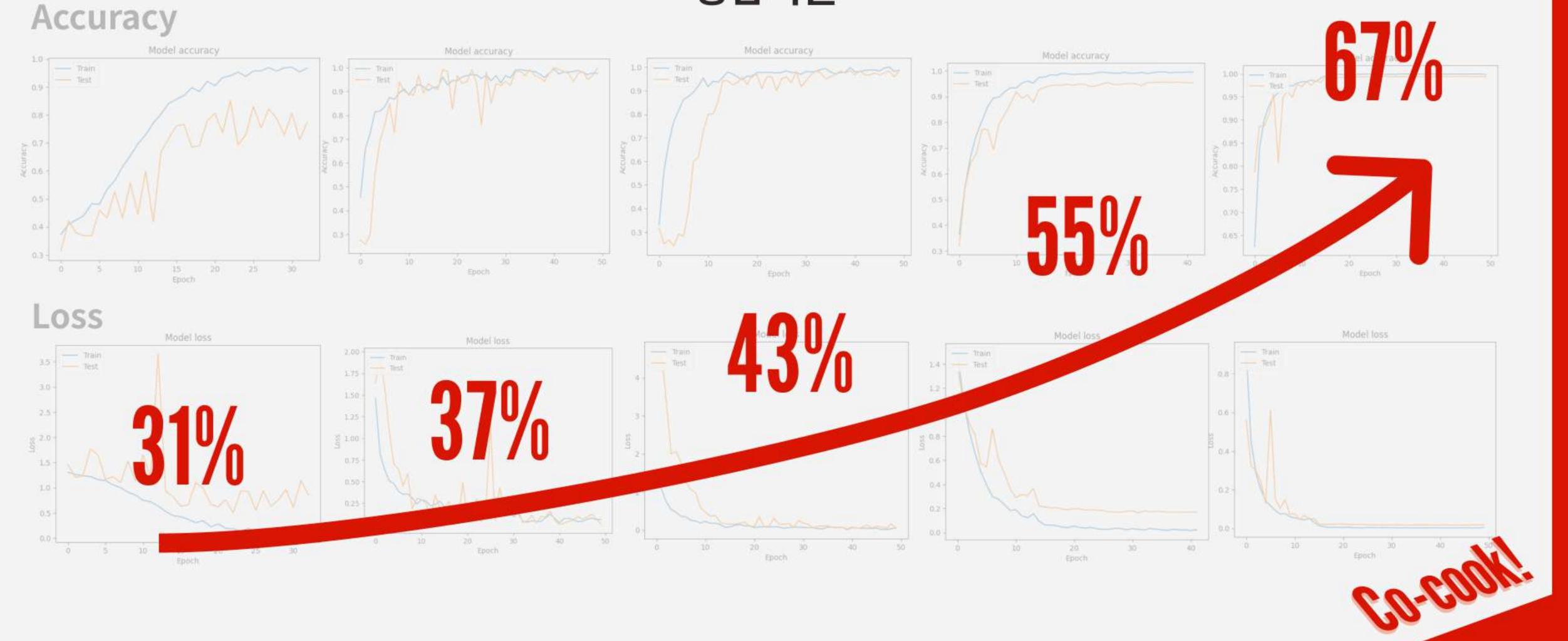
Hey,____Co-cook!

Accuracy



Hey,____Cook!

정답비율



Hey,___ Co-cook!





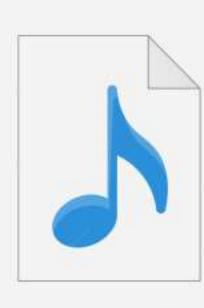


.mp3





.mp3



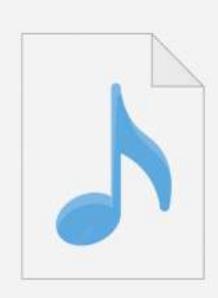
.mp3



.mp3



.mp3



.mp3



.mp3



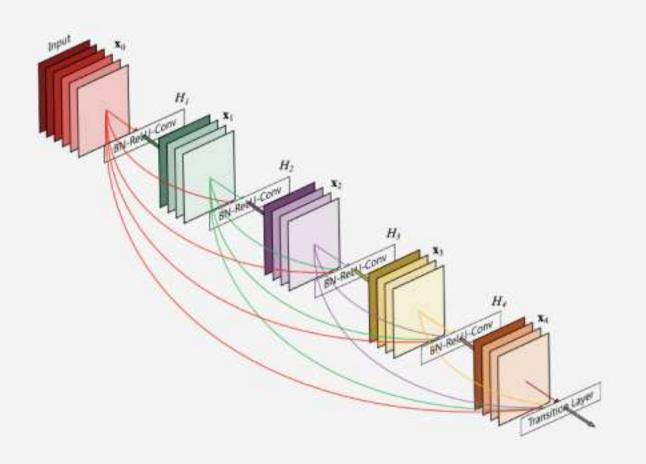
.mp3

x 20,000

Co-cook! LENS



DenseNet 201





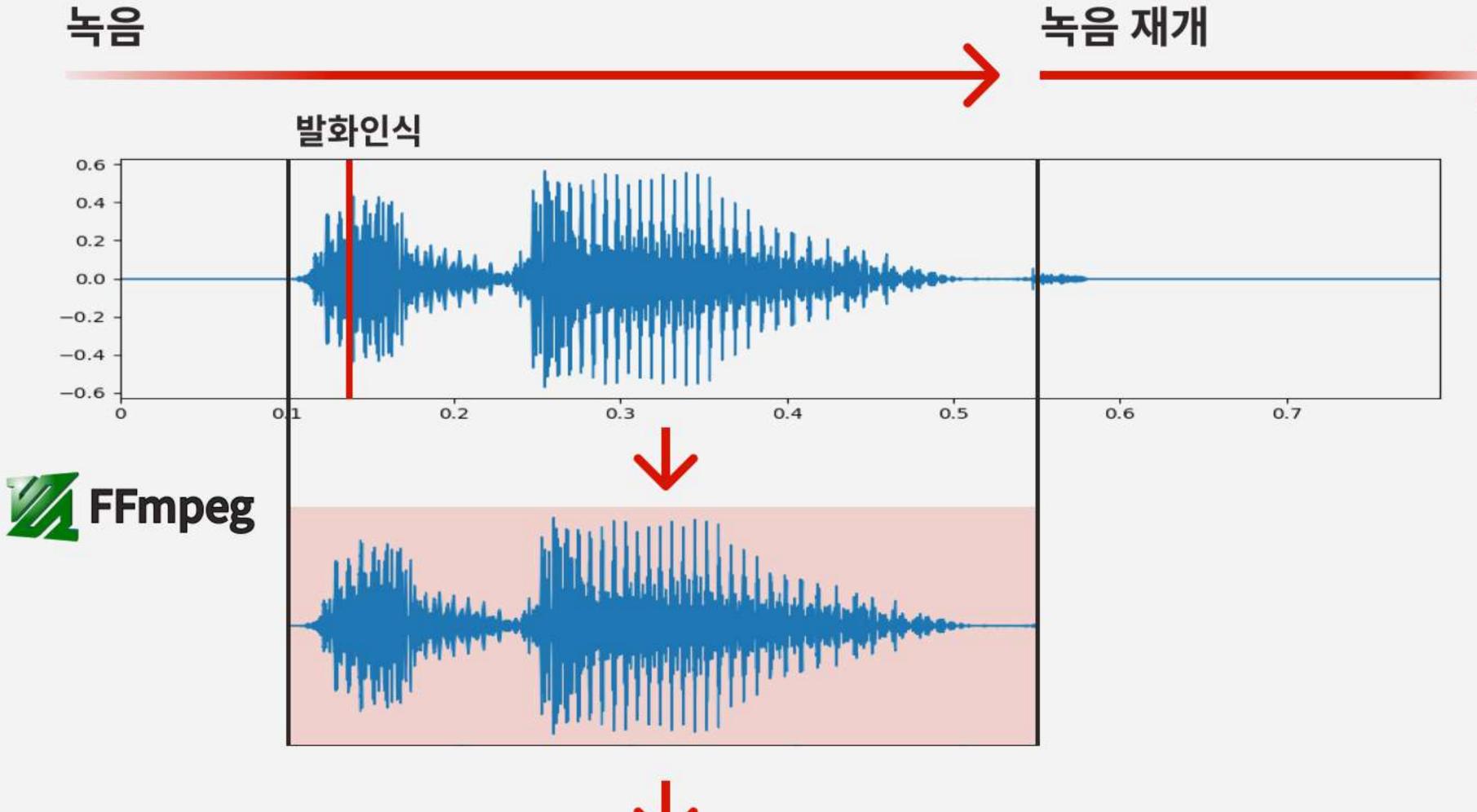
150종 요리 x 150,000

+ Fine-Tuning



냉장고 털기

냉장고 **털**기





Co-copy;

SINTELLIGENCE SEARCH



word

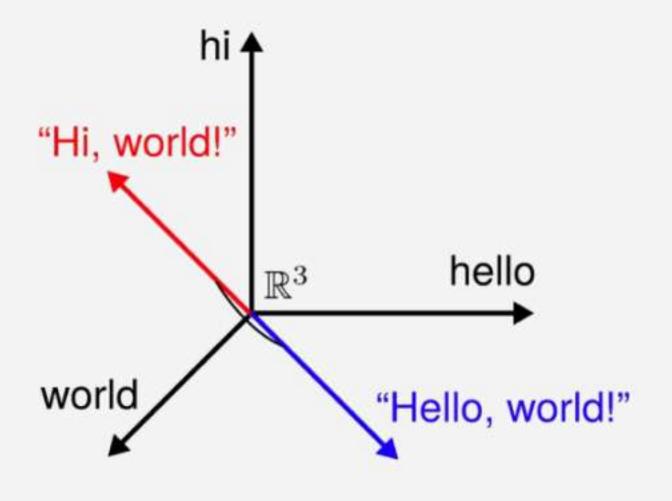
word2vec vector

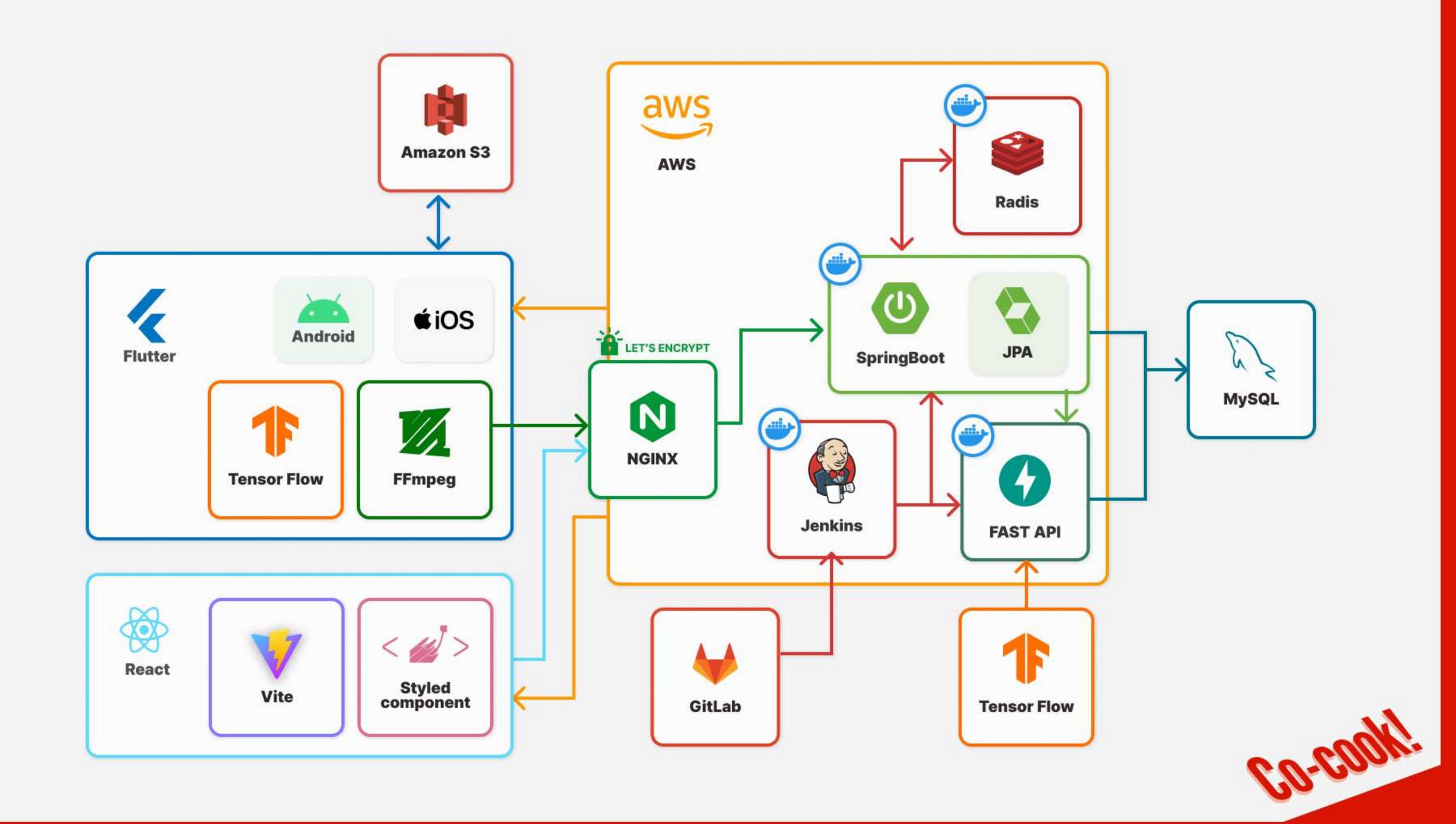


Cosine Similarity

된장찌개 김치찌개 계란찜 제육볶음미역국 치킨마요덮밥 육개장 떡볶이 열무비빔국수 오진어퇴건

```
array([-0.5968882 , -0.33086956, -0.32643065, -0.3670732 , 0.628059
      -0.3692328 , -0.37902787, -0.12308089, -0.38124698, -0.03940517,
       0.2260839 , 0.10852845, -0.2873811 , -0.42781743, 0.06604357,
      -0.07114276, -0.29775023, -0.99628943, -0.54497653, -0.11718027,
      -0.15935768, 0.09587188, -0.2503798 , 0.06768776, 0.3311586 ,
       0.43098116, 0.06936899, 0.24311952, 0.14515282, 0.19245838,
       0.10462623, -0.45676082, 0.5662387, 0.69908774, 0.48064467,
       0.27378514, -0.45430255, 0.17282294, -0.40275463, -0.38083532,
       0.47487524, 0.31950948, -0.1109335 , 0.2165357 , 0.034114 ,
       0.05689918, 0.20939653, 0.15209009, -0.24204595, 0.03478364,
       0.1616051 , -0.5827333 , -0.47017908, 0.26226178, -0.11884775,
       0.40180743, -0.5173988 , -0.19270805, 0.660391 , -0.24518126,
      -0.42860952, -0.22274768, 0.4887834 , 0.49302152, 0.38799986,
      -0.041193 , -0.38600504, -0.37632987, 0.04570564, 0.50462466,
      -0.14396502, 0.33490512, -0.15964787, -0.21363072, -0.25445372,
       0.52389127, 0.5747422 , -0.25075617, -0.5339069 , 0.2582965 ,
      -0.16139959, 0.09748188, 0.04540966, -0.27768216, -0.51260656,
      -0.06189002, -0.54032195, -0.21863565, 0.06233869, 0.13287479,
       0.49741864, 0.1772418 , 0.02064824, -0.04775626, -0.16804916,
       0.4643644 , 0.5546319 , 0.68051434 , 0.7790246 , 0.5617202 ],
     dtype=float32)
```





CO-COMI-CF

