

⊑रुष्ट गरिक्ष रिके - dayor

BEL 유승은 임소인 전수명

Prepare Data

- 1. 1단7계 밝혔더니타(Single Object Detection)에 걱결한 데이터만 물라내기 > 수작업
- 2. 너무 큰 사이즈의 데이터
 - > MOTE 214+017 (PIL, Image 2+0142721 4+4 500x500 013+3 54-71)
 - > .jpg Itoget 1th
 - > unzipg Ein 10161 7-127271

Day on 智

- 1. Single Object Detection 모델 큐턴
- 2. classification 智利 好付
 - 吴玉 Accuracy: 92%
 - 3274 Accuracy: 83.93%

Model 수정

- 1. Overfitting àH7Zzb+71
 - > Learning rate Decay 37/6/211
 - > Data Augmentation: zoom, width, height, brightness
- 2. Accuracy 云이기
 - > Learning rate: Decaying 비境 公程
 - > Dense Layer 181171
- 3. Val Accuracy 芸りつ
 - > freeze Layer 273
 - > SDG Optimizer 사항 (Learning Ratert 지만적으로 조절되는 또델)
 - > GoogLeNet 空望 杂

Status - VGG16

VGG16(vanila)	VGG16 + flatten + dens	se(1024, rel	u) + BN + dense(10, s	softmax)						
model_name										
file_name	Ai-kea_vanilla_test1.ipynb		Ai-kea_vanilla_sey.ipynb				Ai-kea_vanilla_jjy.ipyn b			
img_size	112 * 112	112 * 112	1	12 * 112	112 * 112			112 * 112	112*112	112 * 112
batch_size	300	200		128	128	128	256	128		128
epoch	20	30			50	50	50	100	100	100
seed_num	F	F		F	F	F	F	F	F	F
Fine_Tuning	X	x		Х	Х	х	X	x	X	slicing : -4 dense:1024, normal :on
Learning_rate	off	off		off	half-or			off	on	
data_aug (option)										
zoom	F	F		F	0.1	0.1	F	F	F	F
width	F	F		F	0.1	0.1	F	0.3	0.3	0.3
height	F	F		F	0.1	0.1	F	0.3	0.3	0.3
brightness	F	F		F	0.8-1.2	0.8-1.2	F	F	F	0.8-1.2
val_acc(max)	79.41	79.85		0.7937	0.7676	0.7850	0.7883	0.7887	0.7546	0.8393
val_acc(final)	78.22	78.55		0.7839	0.7058	0.7676	0.7861	0.7876	0.7383	

Status - Googlenet

img_size	112*112
batch_size	128
epoch	100
seed_num	F
Fine_Tuning	all true dense: off normal: off
Learning_rate	off

zoom	F
width	F
height	F
brightness	F
val_acc(max)	0.8447
val_acc(final)	