

# Assignment1

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**Model** - ResNeXt-152

FLOPS	MACs	Params	Image Size
22.58 G	11.25 GMACs	58.11 M	(3, 224, 224)

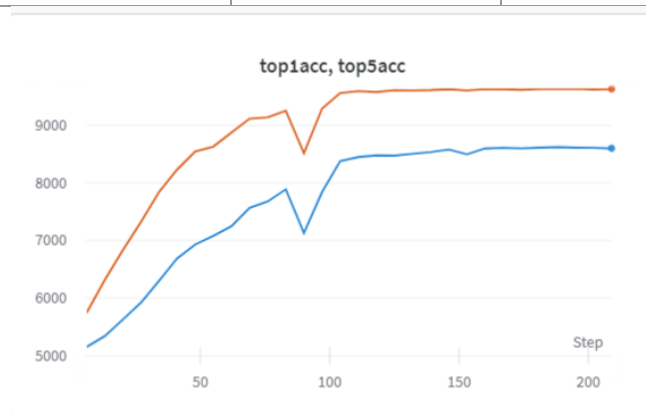
## Hyperparameters

		SGD		Cutmix	
Epochs	30	Momentum	0.9	Probability	0.5
Batch Size	64	Weight Decay	1e-4	Beta	1.0
Learning Rate	0.25				

2x NVIDIA GeForce RTX 3090

## 주요 개선점

개선점	Top-1 Acc (%)	Top-5 Acc (%)	Epoch	Time (s)
Resize Only (Base)	77.5	91.29	20	8750
Cutmix	80.86	93.67	32	7284
RandomCrop	82.11	94.6	33	7543
LR Adjuster	86.24	96.19	27	6126



## 개선 실패점

실패점	Top-1 Acc (%)	Top-5 Acc (%)	Epoch	Time (s)
Normalization	60.61	72.83	24	10518
Norm + Horizontal Flip + RandomRotation	60.75	73.73	23	10074
SAM	77.08	91.24	12	9946
Adam	63.3	81.62	47	10930