

Mini Project Week01

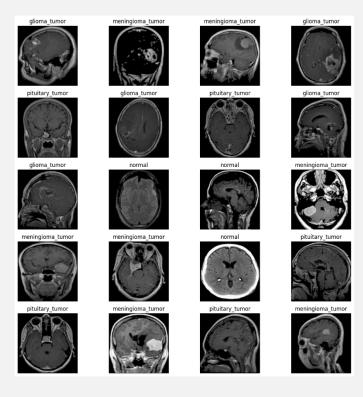
Basic 1조

서지현

lookup.StaticVocabular
initializer,
num_oov_buckets,
lookup_key_dtype=None
name=None,

Lookup.KeyValue

Code Review





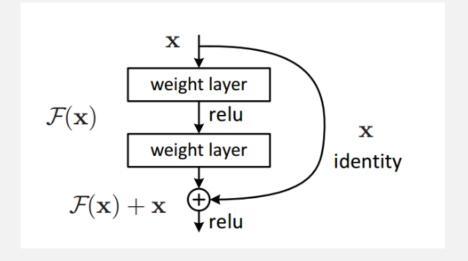
- 1. Glioma Tumor
- 2. Meningioma Tumor
- 3. Normal
- 4. Pituitary Tumor

ResNet50 Model

Model: "model"

224, 224, 3)]	0
lone, None, 2048	23587712
048)	0
048)	0
12)	1049088
12)	0
)	2052
10	048) 048) 12)

Total params: 24638852 (93.99 MB)
Trainable params: 1051140 (4.01 MB)
Non-trainable params: 23587712 (89.98 MB)



평가 지표

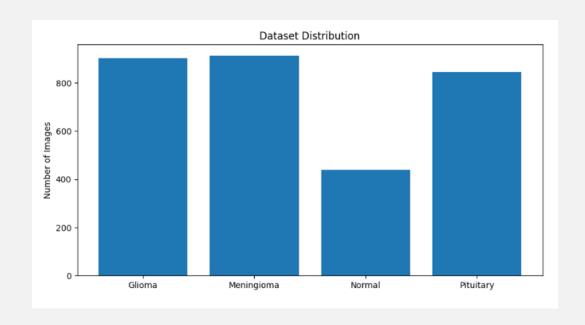
	precision	recall	f1-score	support
0 1 2 3	0.96 0.83 0.96 0.94	0.86 0.92 0.98 0.94	0.91 0.87 0.97 0.94	184 179 81 175
accuracy macro avg weighted avg	0.92 0.92	0.92 0.91	0.91 0.92 0.91	619 619 619

		실제 정답		
		True	False	
분류결과	True	True Positive	False Positive	
	False	False Negative	True Negative	

$$(Recall) = \frac{TP}{TP + FN}$$

Performance Improvement

- Batch Normalization
- K-Fold CV
- Callback 추가
- ResNet101
- Optimizer
- 앙상블



참고

https://www.kaggle.com/code/shujunge/gridsearchcv-with-keras

https://blog.naver.com/nywoo19/221970913783

https://rinha7.github.io/keras-callbacks/

https://dacon.io/codeshare/4618

https://aistudy9314.tistory.com/29