Project Brain Tumor classification using deep learning

1. Pre-Processing // Goal Date : 20210818

Erase **black-background : cv2.findContours() from cv2 lib**

1. Augmentation

But cv2 is always work well, so removed by manual inspection before entering the ‘augmentation’.

Save Separated folder ->every image -> can prevent underfitting can be lowered

1. Pickling

To converted in Numpy array(torch Variable) -> **X\_train(img), Y\_train(lable), X\_test(img), Y\_test(lable)**

Data is read using **\*\* cv2.imread(path\_of\_image,cv2.IMREAD\_COLOR)**

Then we use **np.reshape(-1,IMG\_SIZE,IMG\_SIZE,3)** to reshape the data stored in x\_train & x\_test

In this paper select 150