Segmentation:

segmentation\_of\_tumor is matlab code just needed to run directly and ask for image location just by selecting image location directly output get printed.

ED6001\_project\_graphcutseg.ipynb is a python notebook having segmentation through graph cut code.

CNN\_brain\_tumor\_classification

It is a .ipynb file consisting of both the models of CNN used mentioned in comments run cell one by one first train model 1 then train model 2.

Transfer Learning classification codes:

ED6001\_project\_EfficientNetB0\_model.ipynb is .ipynb file for EfficientNet model run it by giving paths of training and testing dataset at respective places.(This is our best model)

ED6001\_project\_VGG16model.ipynb is a .ipynb file for VGG16 model run by giving paths of training and testing dataset at respective places.