

Proposal

I selected the problem of classifying brain MRI images based on tumor type and image type. This is an important problem since it has medical relevance. The dataset consists of over 4000 images on Kaggle. I will use a pre-trained model (Resnet) with the final layer customized since there are 44 classes. Pytorch will be used to implement the network. The performance of the network will be judged based on accuracy, precision, recall, and F1.