

Brain Tumor Detection Using ML

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Abstract: Combining biomedical image processing, machine learning, and MRI pre-processing methods, this study aims to construct a brain tumour detection system that can distinguish between abnormal and healthy brain tissues. The training set is expanded and the best visual details are extracted using augmentation methods and convolution neural networks. Early diagnosis and discovery are essential for avoiding more severe repercussions.

Keywords: Brain Tumor, MRI, Convolutional Neural Network (CNN), Machine Learning, Image Processing

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