

Medical-Imaging Dataset

Dataset1-Chest X-ray images(Pneumonia)

Type of imaging data-X-ray

Number of images-5863

Available classes-Pneumonia/normal

Dataset Imbalance-Yes there was dataset imbalance with 3,883 characterized as depicting pneumonia and 1,349 normal.

Challenges- The data was largely clean

Summary- Chest-X-ray dataset contained 5863 images which were from children. The dataset was characterised into two classes normal and affected. The data was then used to train an AI model demonstrating its ability in diagnosis of pediatric pneumonia.

Dataset2-Brain Cancer

Type of imaging data-MRI

Number of images-6056

Available classes-Three(Brain_glioma , Brain_menin, pituitary_tumor)

Dataset Imbalance-No the dataset was uniform

Challenges-The dataset was largely clean

Summary- The dataset is Bangladesh MRI dataset ,aimed at supporting research in medical diagnosis. The dataset is categorised into three distinct classes Brain Glioma ,Brain Menin,Brain Tumor. The dataset was uniformly resized to ensure compatibility with ML and deep learning algorithms