

Chest X-ray Images

COVID-19

Normal

Viral Pneumonia

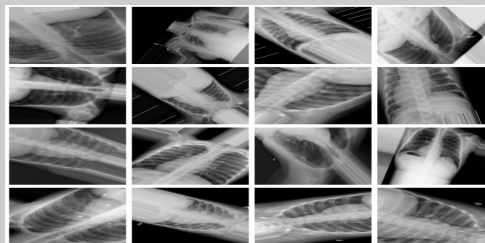
$256 \times 256 \times 3$

Image Processing

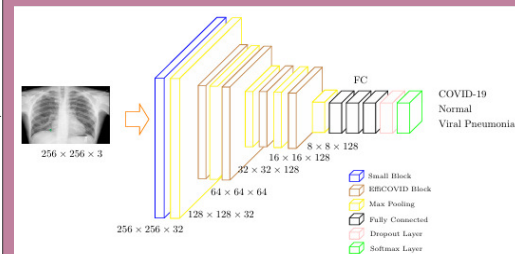
Data Reduction

Data Normalization

Data Augmentation



Feature Extraction



Prediction

COVID-19

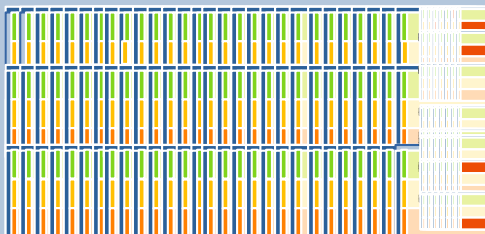
Normal

Viral Pneumonia

Visualization

Grad-CAM

Classification-3 Class



Training and Validation

Output

Softmax