



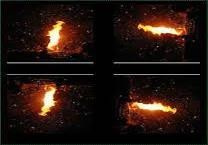
SOLUTION ARCHITECTURE

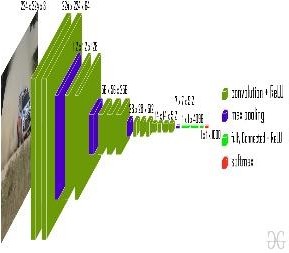
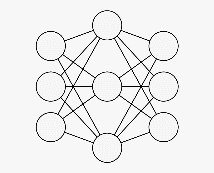




INPUT

IMAGE DATASET

Extraction Data



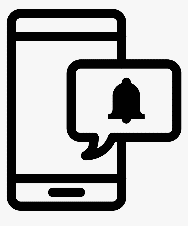
TESTING DATASET

TRAINING DATASET

Training neural network with dataset

Augmentation

PREPROCESSING



NOTIFICATION

FIRE

PREDICTION

FIRE DEPARTMENT

CNN Model

NO FIRE