Machine Learning

Data Augmentation

1237 Images – 136 classes – Average of 9 images per class

**Offline Augmentation** of the images – data set is not that large and can hence be done prior to forwarding to the neural network

RGB Images: 640 x 480 – Cropped and Rescaled

Types of Augmentation to be carried out;

1. Flip (Augmentation factor of 2 to 4x)
2. Rotation (Augmentation factor of 2 to 4x)
3. Gaussian Noise (Augmentation factor of 2x)