

# Applying image data generator functionality to trainset and to testset

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## Loading our data and performing data Argumentation

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In [5]: x_train = train_datagen.flow_from_directory(r"C:\Dataset\train",target_size = (64,64),batch_size = 5, color_mode='grayscale', cl
x_test= test_datagen.flow_from_directory(r"C:\Dataset\test",target_size = (64,64),batch_size = 5, color_mode = 'grayscale',class
Found 594 images belonging to 6 classes.
Found 30 images belonging to 6 classes.
```

This function will return batches of images from the subdirectories 0,1,2,3,4,5 together with labels 0 to 5 {'0' : 0, '1' : 1, '2' : 2, '3' : 3, '4' : 4, '5' : 5 }