

Apply Image Data Generator Functionality to Train and Test Set

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Project Name	Project –Real time communication for specially abled powered by AI

Functionality (Train and Test):

```
In [2]: Train_data=ImageDataGenerator(rescale=1./255,horizontal_flip=True,vertical_flip=True,zoom_range=0.2)
```

```
In [3]: Test_data=ImageDataGenerator(rescale=1./255)
```

```
In [7]: x_train=Train_data.flow_from_directory(r"/content/drive/MyDrive/sign picture/Dataset/training_set",target_size=(64,64),  
                                             class_mode="categorical",batch_size=24)
```

Found 15030 images belonging to 9 classes.

```
In [8]: x_test=Test_data.flow_from_directory(r"/content/drive/MyDrive/sign picture/Dataset/test_set",target_size=(64,64),  
                                             class_mode="categorical",batch_size=24)
```

Found 2250 images belonging to 9 classes.