

PROJECT TITLE	EMDFGING METHODS FOR EARLY DETECTION OF FOREST FIRES
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Define The Parameters /Arguments For ImageDataGenerator Class

```
In [ ]: #Define the parameters /arguments for ImageDataGenerator class
train_datagen=ImageDataGenerator(rescale=1./255,
                                  shear_range=0.2,
                                  rotation_range=180,
                                  zoom_range=0.2,
                                  horizontal_flip=True)

test_datagen=ImageDataGenerator(rescale=1./255)
```

Here the arguments which we are given inside the image data generator class are, rescale, shear_range, rotation range of image, and zoom range that we can consider for images, etc.

- Image shifts via the width_shift_range and height_shift_range arguments.
- Image flips via the horizontal_flip and vertical_flip arguments.
- Image rotations via the rotation_range argument • Image brightness via the brightness_range argument.
- Image zoom via the zoom_range argument.

We can pass many other arguments inside the ImageDataGenerator Class.